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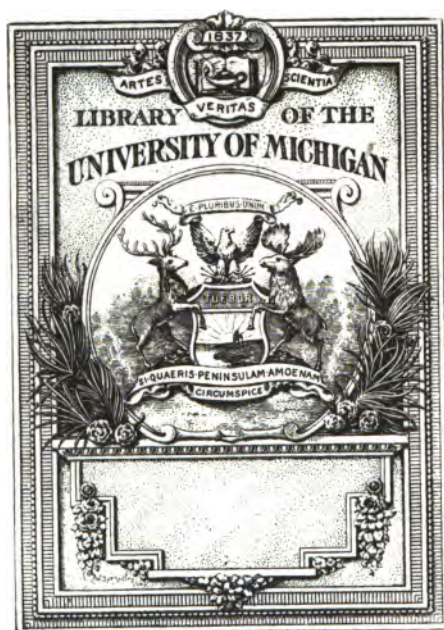
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- 47A Adriance, Dr. V.  
 81 Agard, Dr. H. L.  
 41D Allee, Mr. W. C.  
 35 Allen, Prof. S. E.  
 41D Bangs, Mr. A. R.  
 41B Barton, Mr. F. B.  
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 16A Green, Mr. E. A.  
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 15 Hewitt, Mr. T. B.  
 37 Hildreth, Mr. W. A.  
 14 Howard, Prof. F. H.  
 48A Howard, Dr. F. H.  
 (Office)  
 25 Howes, Prof. G. E.  
 1 Hoyt, Mr. W. E.  
 80 Johnson, Dr. C. W.  
 27 Kellogg, Prof. J. L.  
 61 Lowe, Mr. J. A.  
 61 Lyon, Mr. H.  
 66 Maxcy, Prof. C. L.  
 65 McElfresh, Prof. W. E.  
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 8 Mears, Prof. B.  
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 33 Wild, Prof. H. D.  
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 42 Currier Hall  
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 52 Goodrich Hall  
 21A Grace Hall  
 31 Griffin Hall  
 53 Gymnasium  
 17 Haystack Monument  
 45 Heating Plant  
 29 Hopkins Hall  
 44 Hopkins Observatory  
 16 Infirmary  
 55 Jesup Hall  
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 54 Morgan Hall  
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 60 Thompson Chemical  
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 13A Williams Hall  
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 20 Congregational Church  
 11 Episcopal Church  
 41 Methodist Church  
 34 Roman Catholic  
 Church  
 24 Williams Inn  
 6 Greylock Hotel  
 47 The Cosmo  
 75 Pilgrim Inn  
 32 Street Railway  
 Terminus  
 48 Post Office  
 47A National Bank  
 47A Savings Bank  
 76A Taconic Golf Club



CATALOGUE

OF

WILLIAMS COLLEGE

1913-1914



WILLIAMSTOWN, MASS.

PUBLISHED BY THE COLLEGE

1913

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DEC.	NOV.	OCT.	SEPT.	AUG.	JULY	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	JUNE	MAY	APR.	MAR.	FEB.	JAN.	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.	DEC.	NOV.	OCT.	SEPT.	AUG.	JULY	SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.					
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# CALENDAR

1913

June 25—Commencement .....Wednesday  
June 30—Last day for re-application for scholarships.....Monday

## SUMMER VACATION OF TWELVE WEEKS

Sept. 12-17—Examinations for admission,  
Fri., Sat., Mon., Tues., Wed.  
Sept. 16-18—Registration of all classes,  
Tues., Wed., Thurs. forenoon  
Sept. 18—Beginning of the College Year.....Thursday  
Oct. 2—Meeting of the Board of Trustees.....Thursday  
Oct. 6—Last day for registering for the Master's degree, Monday  
Oct. 15—Mountain Day, a holiday.....Wednesday  
Nov. 26-28—Thanksgiving Recess—Wed., 12:00 M. to Fri., 1:30 P. M.  
Dec. 23—Christmas Recess begins.....Tuesday, 4:30 P. M.

1914

Jan. 6—Christmas Recess ends.....Tuesday  
Jan. 19-24—Registration for second semester...Mon. through Sat.  
Jan. 28—Recitations end .....Wednesday  
Jan. 29—Semi-annual examinations begin.....Thursday  
Feb. 7—First semester ends.....Saturday

Feb. 8—Second semester begins.....Sunday  
Feb. 22—Washington's Birthday .....Sunday  
Feb. 23—A holiday .....Monday  
Apr. 8—Spring Recess begins.....Wednesday, 4:30 P. M.  
Apr. 15—Spring Recess ends.....Wednesday  
May 7—Meeting of the Board of Trustees.....Thursday  
May 18-23—Registration for next semester.....Mon. through Sat.  
May 30—Memorial Day, a holiday.....Saturday  
June 6—Recitations end .....Saturday  
June 8-17—Semi-annual examinations.....Mon. through Wed.

*12-13-14  
Dic. 1913  
College*

## WILLIAMS COLLEGE

June 15-20—Examinations for admission.....Mon. through Sat.  
June 21—Baccalaureate Sermon .....Sunday forenoon  
June 21—Mission Park meeting.....Sunday afternoon  
June 22—Meeting of the Board of Trustees.....Monday  
June 22—Graves Prize Speaking.....Monday forenoon  
June 22—Prize Rhetorical Exhibition.....Monday evening  
June 23—Alumni Meeting .....Tuesday forenoon  
June 23—Class Day Exercises.....Tuesday afternoon  
June 24—Commencement .....Wednesday  
June 30—Last day for re-application for scholarships.....Tuesday

### SUMMER VACATION OF TWELVE WEEKS

Sept. 11-16—Examinations for admission,  
Fri., Sat., Mon., Tues., Wed.  
Sept. 15-17—Registration of all classes,  
Tues., Wed., Thurs. forenoon  
Sept. 17—Beginning of the College Year.....Thursday  
Oct. 5—Last day for registering for the Master's degree, Monday  
Oct. 8—Meeting of the Board of Trustees.....Thursday

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## PRESIDENTS

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REV. EBENEZER FITCH, D.D., 1793-1815  
REV. ZEPHANIAH SWIFT MOORE, D.D., 1815-1821  
REV. EDWARD DORR GRIFFIN, D.D., 1821-1836  
REV. MARK HOPKINS, D.D., LL.D., 1836-1872  
HON. PAUL ANSEL CHADBOURNE, D.D., LL.D., 1872-1881  
FRANKLIN CARTER, PH.D., LL.D., 1881-1901  
JOHN HASKELL HEWITT, LL.D., Acting President, 1901-1902  
REV. HENRY HOPKINS, D.D., LL.D., 1902-1908  
HARRY AUGUSTUS GARFIELD, LL.D., 1908-

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## TRUSTEES

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HARRY AUGUSTUS GARFIELD, LL.D.

### PRESIDENT

FRANCIS LYNDE STETSON, LL.D., New York, N. Y.  
HAMILTON WRIGHT MABIE, L.H.D., LL.D., New York, N. Y.  
EUGENE DELANO, M.A., New York, N. Y.  
HON. JAMES ROBERT DUNBAR, B.A., Brookline  
BENTLEY WIRT WARREN, B.A., Boston  
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PROFESSOR BLISS PERRY, L.H.D., Litt.D., LL.D., Boston  
CHARLES SUMNER HOLT, B.A., Chicago, Ill.  
HON. CLARK WILLIAMS, B.A., New York, N. Y.  
SOLOMON BULKELEY GRIFFIN, L.H.D., Springfield  
FREDERICK BEACH JENNINGS, M.A., New York, N. Y.  
VERY REV. WILLIAM MERCER GROSVENOR, D.D., New York,  
N. Y.  
ROBERT RAMSEY, M.A., Cincinnati, Ohio  
HON. WINTHROP MURRAY CRANE, LL.D., Dalton

*WILLIAMS COLLEGE*

WILLARD EVANS HOYT, M.A.

SECRETARY AND TREASURER

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EXECUTIVE COMMITTEE

HAMILTON W. MABIE	SOLOMON B. GRIFFIN
HARRY P. DEWEY	WINTHROP MURRAY CRANE

## FINANCE COMMITTEE

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FRANCIS LYNDE STETSON	FREDERICK B. JENNINGS

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BLISS PERRY	

## COMMITTEE ON DEGREES

CHARLES SUMNER HOLT
WILLIAM M. GROSVENOR

## COMMITTEE ON THE LIBRARY

JAMES R. DUNBAR	ROBERT RAMSEY
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The corporate name of the college is  
THE PRESIDENT AND TRUSTEES OF WILLIAMS COLLEGE.

## ALUMNI OFFICERS

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PRESIDENT—WILLIAM PRATT SIDLEY, Chicago, Ill., Class of 1889

VICE PRESIDENT—CARROLL PERRY, Brookline, Class of 1890

SECRETARY AND TREASURER—WILLIAM COOK HART, Williamstown,  
Class of 1894

NECROLOGIST—JOHN ADAMS LOWE, Williamstown, Class of 1906

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## ALUMNI VISITORS

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### 1911-1914

SAMUEL DOUGLAS DODGE, Cleveland, Ohio, Class of 1877

LOUIS MORRIS STARR, New York, N. Y., Class of 1893

### 1912-1915

WILLIAM HENRY HOLLISTER, JR., Troy, N. Y., Class of 1870

ARTHUR VINCENT TAYLOR, Newark, N. J., Class of 1886

### 1913-1916

J. DANFORTH BUSH, Wilmington, Del., Class of 1889

JOHN S. SHEPPARD, New York, N. Y., Class of 1891

## OFFICERS OF INSTRUCTION \*

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HARRY AUGUSTUS GARFIELD, LL.D. <i>President</i>	212 Main St.
SAMUEL FESSENDEN CLARKE, PH.D. <i>Professor of Natural History</i>	50 South St.
LEVERETT MEARS, PH.D. <i>Professor of Chemistry</i>	Argilla
RICHARD AUSTIN RICE, M.A. <i>Professor of the History of Art and Civilization, Emeritus</i>	Washington, D. C.
JOHN HASKELL HEWITT, LL.D. <i>Professor of the Greek Language and Literature, Emeritus</i>	Witterstowe
REV. LEVERETT WILSON SPRING, D.D. <i>Professor of the English Language and Literature, Emeritus</i>	Boston
JOHN EDWARD RUSSELL, M.A. <i>Mark Hopkins Professor of Intellectual and Moral Philosophy</i>	18 South St.
FRANK GOODRICH, PH.D., L.H.D. <i>Professor of European History</i>	College Place
GEORGE MORITZ WAHL, L.H.D. <i>Professor of the German Language and Literature</i>	236 Main St.
HENRY DANIEL WILD, M.A. <i>Massachusetts Professor of the Latin Language and Literature</i>	7 Southworth St.
ASA HENRY MORTON, L.H.D. <i>Barclay Jermain Professor of Natural Theology</i>	144 Main St.
CARROLL LEWIS MAXCY, M.A. <i>Morris Professor of Rhetoric</i>	22 Hoxsey St.
FREDERICK CARLOS FERRY, PH.D., Sc.D. <i>Dean and Professor of Mathematics</i>	226 Main St.
WILLIS ISBISTER MILHAM, PH.D. <i>Field Memorial Professor of Astronomy</i>	24 Hoxsey St.

\* Arranged in the order of appointment to rank.

WILLIAMS COLLEGE

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- JAMES LAWRENCE KELLOGG, PH.D.†  
*Professor of Biology*
- THEODORE CLARKE SMITH, PH.D. 222 Main St.  
*J. Leland Miller Professor of American History, Literature,  
and Eloquence*
- HERDMAN FITZGERALD CLELAND, PH.D. 32 Glen St.  
*Edward Brust Professor of Geology and Mineralogy*
- WILLIAM EDWARD McELFRESH, PH.D.†  
*Thomas T. Read Professor of Physics*
- GEORGE EDWIN HOWES, PH.D. College Place  
*Garfield Professor of Ancient Languages*
- JAMES GRAHAM HARDY, PH.D. 15 Grace Court  
*Professor of Mathematics*
- FREDERICK HOLLIS HOWARD, M.D. 61 Park St.  
*Professor of Physiology*
- GARRETT DROPPERS, PH.D. Fort Hoosac Place  
*Orrin Sage Professor of Political Economy*
- LEWIS PERRY, M.A. 256 Main St.  
*Professor of English Literature*
- KARL EPHRAIM WESTON, M.A. 220 Main St.  
*Professor of the History of Art and Civilization*
- MONROE NICHOLS WETMORE, PH.D. College Place  
*Professor of Latin*
- ROBERT LONGLEY TAYLOR, PH.D. 50 Grace Court  
*Professor of the Romance Languages*
- JAMES BISSETT PRATT, PH.D.†  
*Professor of Philosophy*

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*David A. Wells Professor of Political Science*

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*Jackson Professor of Christian Theology, and Pastor of the  
College Church*

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*Lawrence Professor of the Greek Language and Literature*

† Absent on leave.

## WILLIAMS COLLEGE

DAVID TAGGART CLARK, M.A.	23 Southworth St.
<i>Assistant Professor of Economics</i>	
BYRON JOHNSON REES, M.A.	254 Main St.
<i>Assistant Professor of English</i>	
WILLIAM HOWARD DOUGHTY, JR., LL.B.	Elscot
<i>Assistant Professor of Government</i>	
SHERWOOD OWEN DICKERMAN, PH.D.	35 Grace Court
<i>Assistant Professor of Greek</i>	
JOHN SAYWARD GALBRAITH, M.A.	147 Main St.
<i>Assistant Professor of Greek and Latin</i>	
BRAINERD MEARS, PH.D.	230 Main St.
<i>Assistant Professor of Chemistry</i>	
ELMER IRWIN SHEPARD, M.A.	232 Main St.
<i>Assistant Professor of Mathematics</i>	
SAMUEL EDWARD ALLEN, M.A.	21 Southworth St.
<i>Assistant Professor of Rhetoric</i>	
CARL WILHELM JOHNSON, PH.D.	31 Glen St.
<i>Assistant Professor of German</i>	
JOHN PIERREPONT RICE, PH.D.	37 Southworth St.
<i>Assistant Professor of Romance Languages</i>	
ELI HERBERT BOTSFORD, M.A.	30 North St.
<i>Special Instructor in Mathematics</i>	
SUMNER SALTER, B.A.	135 Main St.
<i>Director of Music</i>	
ALBERT LOUIS CRU	228 Main St.
<i>Instructor in French</i>	
THEODORE BROWN HEWITT, M.A.	Witterstowe
<i>Instructor in German</i>	
GEORGE BURWELL DUTTON, PH.D.	Argilla
<i>Instructor in English</i>	
WALTER ALMERIAN HILDRETH, B.A.	37 Southworth St.
<i>Instructor in German</i>	
ALFRED MITCHELL DAME, M.A.	37 Southworth St.
<i>Instructor in Latin and Greek</i>	

WILLIAMS COLLEGE

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FRANCIS BROWN BARTON, Docteur de l'Université de Paris	153 Main St.
<i>Instructor in the Romance Languages</i>	
ARTHUR HOWLAND BUFFINTON, M.A.	Argilla
<i>Instructor in History</i>	
HARRY LESLIE AGARD, PH.D.	37 Glen St.
<i>Instructor in Mathematics</i>	
ARCHIE ROY BANGS, M.A.	21 Water St.
<i>Instructor in German</i>	
JEAN NORTON CRU, Professeur de Lycée	25 Hoxsey St.
<i>Instructor in French</i>	
JAMES EDMOND SHRADER, M.A.	26 Southworth St.
<i>Instructor in Physics</i>	
WARDER CLYDE ALLEE, PH.D.	19 Water St.
<i>Instructor in Biology</i>	
HOWARD WILSON MOODY, PH.D.	25 Hoxsey St.
<i>Instructor in Physics</i>	
FRANCIS BOWES SAYRE,† LL.B.	40 Grace Court
<i>Instructor in Government</i>	
JOHN RICHARDSON MILLER, B.A.	18 Berkshire
<i>Assistant in History</i>	
EMIL ROBERT STEIN, JR., B.A.	Chemical Laboratory
<i>Assistant in Chemistry</i>	
GEORGE MARION EHLERS, B.A.	Faculty Club
<i>Assistant in Geology</i>	
HAROLD LYON, B.A.	Biological Laboratory
<i>Assistant in Biology</i>	
CHARLES FREDERICK SEELEY	College Place
<i>Director of the Gymnasium</i>	

† Appointment in effect February 8, 1914.

## OFFICERS OF ADMINISTRATION

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HARRY AUGUSTUS GARFIELD, LL.D.	212 Main St.
<i>President</i>	
HENRY DANIEL WILD, M.A.	7 Southworth St.
<i>Chairman pro tempore of the Faculty</i>	
FREDERICK CARLOS FERRY, PH.D., Sc.D.	226 Main St.
<i>Dean of the College</i>	
WILLARD EVANS HOYT, M.A.	Llewellyn Fields
<i>Treasurer</i>	
JOHN ADAMS LOWE, M.A.	Biological Laboratory
<i>Librarian</i>	
ELMER ALANSON GREEN, M.A.	115 Park St.
<i>Recorder and Secretary of the Faculty</i>	
WILLIAM COOK HART, B.A.	Fort Hoosac Place
<i>Assistant Treasurer</i>	
FRANCIS BOWES SAYRE,* LL.B.	40 Grace Court
<i>Assistant to the President</i>	
PERRY ALVAN SMEDLEY	Grace Court
<i>Superintendent of Grounds and Buildings</i>	
<hr style="width: 10%; margin: 10px auto;"/>	
HESTER PAIGE FISHER,† B.S.	257 Main St.
<i>Library Assistant</i>	
CHRISTINE PRICE, B.S.	257 Main St.
<i>Library Assistant</i>	
ESTHER SUSAN CHAPIN, B.S.	257 Main St.
<i>Library Assistant</i>	
SADIE ST. CLAIR, B.S.	176 Main St.
<i>Library Assistant</i>	
MABEL EATON,‡ B.A.	257 Main St.
<i>Library Assistant</i>	
HELEN MAY NETHERWOOD	North Adams
<i>Stenographer</i>	
EMMA LOUISE NETHERWOOD	North Adams
<i>Stenographer</i>	

\* Appointment in effect February 8, 1914.

† Resignation in effect December 23, 1913.

‡ Appointment in effect January 6, 1914.



# FACULTY COMMITTEES

1913-14

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## COMMITTEE ON ADMINISTRATION

THE PRESIDENT, *Chairman*  
THE CHAIRMAN PRO TEMPORE OF THE FACULTY  
THE DEAN OF THE COLLEGE  
PROFESSOR MEARS  
PROFESSOR RUSSELL  
PROFESSOR MORTON  
PROFESSOR CLELAND

## ADVISORY COMMITTEE

THE PRESIDENT, *Chairman*  
DEAN FERRY  
PROFESSOR SMITH  
PROFESSOR HOWES  
PROFESSOR WETMORE  
PROFESSOR TAYLOR

## LIBRARY COUNCIL

THE PRESIDENT, *Chairman*  
THE LIBRARIAN  
PROFESSOR CLARKE  
PROFESSOR GOODRICH  
ASSISTANT PROFESSOR REES

## COMMITTEE ON ADMISSIONS

DEAN FERRY, <i>Chairman</i>	PROFESSOR WILD
PROFESSOR GOODRICH	PROFESSOR MAXCY
PROFESSOR WAHL	PROFESSOR HOWES
PROFESSOR TAYLOR	

## WILLIAMS COLLEGE

## COMMITTEE ON SCHOLARSHIPS

PROFESSOR HARDY, *Chairman*  
ASSISTANT PROFESSOR MEARS  
ASSISTANT PROFESSOR SHEPARD

## COMMITTEE ON CURRICULUM

PROFESSOR MAXCY, *Chairman*  
PROFESSOR MEARS  
PROFESSOR WAHL  
PROFESSOR MORTON  
PROFESSOR SMITH  
PROFESSOR HARDY  
ASSISTANT PROFESSOR GALBRAITH

## COMMITTEE ON PRIZES (including Clark Prize Scholarships)

PROFESSOR MILHAM, *Chairman*  
PROFESSOR PERRY  
ASSISTANT PROFESSOR CLARK

## COMMITTEE ON GRADUATE STUDENTS

PROFESSOR WETMORE, *Chairman*  
PROFESSOR MORTON  
PROFESSOR DROPPERS  
ASSISTANT PROFESSOR DICKERMAN

## COMMITTEE ON ATHLETICS

(*Faculty members of the Athletic Council*)

PROFESSOR WILD, *Chairman*  
PROFESSOR MAXCY  
ASSISTANT PROFESSOR DOUGHTY

## COMMITTEE ON THE HONOR SYSTEM

PROFESSOR CLARKE, *Chairman*  
PROFESSOR RUSSELL  
PROFESSOR WESTON  
ASSISTANT PROFESSOR ALLEN

## WILLIAMS COLLEGE

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The college owes its origin to an educational bequest of Colonel Ephraim Williams for the purpose of establishing "a Free School" in Williamstown. The charter of this school, which was granted March 8, 1785, reads as follows:

AN ACT for directing the use and appropriation of a charitable donation, made in a certain clause in the last will and testament of Ephraim Williams, Esq., for the support and maintenance of a Free School in Williamstown, in the County of Berkshire; and for incorporating certain persons as trustees, in order more effectually to execute the intention of the testator, expressed in the same.

WHEREAS, Israel Williams, Esq., and John Worthington, Esq., executors of the last will and testament of Ephraim Williams, Esq., deceased, have represented to this court that the said Ephraim Williams, on the twenty-second day of July, Anno Domini one thousand seven hundred and fifty-five, made his last will and testament, in which, after divers bequests, devises, and dispositions, is contained the following clause, viz.:

Item: "It is my will, desire, and pleasure that the remaining part of the lands, not yet disposed of, shall be sold at the discretion of my executors, within five years after an established peace; and the interest of the money and also the interest arising from my bonds and notes shall be appropriated towards the support and maintenance of a Free School, in a township west of Fort Massachusetts, commonly called the West Township, forever; provided, the said township shall fall within the jurisdiction of the Province of Massachusetts Bay; and provided, also, the Governor and General Court give the same township the name of Williamstown; and it is further my will and desire, that if there should remain any monies of the said above donation for the school, it be given towards the support of a school in the East Township, where the fort now stands; but in case the above provisos are not complied with, then it is my last will and choice that the interest of the

above-mentioned monies be appropriated to some pious and charitable uses, in manner and form as above directed in the former part of my last will and testament."

And, whereas the said executors have further represented that it may be a matter of doubt and uncertainty whether the township mentioned in the above recited clause (which is now incorporated by the name of Williamstown) has so far fallen within the jurisdiction of the Province of Massachusetts, now Commonwealth of Massachusetts, in the sense of the testator, as that they might be justified in appropriating the said donation to the support and maintenance of a Free School in said town; and have submitted their duty to the determination of this court, praying that an act may be passed to declare their duty, and to indemnify them in the execution of the same.

SECTION 1. Be it enacted by the Senate and the House of Representatives, in General Court assembled, and by authority of the same, that the donation made in the clause before recited ought to be presently applied to the use and maintenance of a Free School in the town of Williamstown, in the County of Berkshire, and that in case the said donation shall afford an annual interest more than sufficient for the supporting and maintaining such school in Williamstown, then the surplusage be appropriated to the use and maintenance of a Free School in the tract of land called by the testator East Township, now incorporated by the name of Adams, with other lands, applying and appropriating the said donation to the uses above expressed, and shall be liable to no action or suit in law or equity, on account of such appropriations.

And, whereas the said executors have further prayed that for carrying into complete execution the intention of the testator, a corporation may be created and vested with such powers as may be necessary for that purpose;

SECTION 2. Be it therefore enacted by the authority aforesaid, that William Williams of Dalton, Theodore Sedgwick, Woodbridge Little, John Bacon, Thompson Joseph Skinner, Esquires, the Reverends Seth Swift and Daniel Collins, Mr. Israel Jones and Mr. David Noble, and their successors, to be elected and appointed as hereinafter directed and provided, be, and hereby are, incorporated, and shall be a corporation forever by the name of "The Trustees of the donation of Ephraim Williams, Esq., for maintaining a Free School in Williamstown"; and that the said trustees and their successors

be, and hereby are, vested with all the powers, rights, and immunities, which are by law incident to aggregate eleemosynary corporations.

SECTION 3. And be it further enacted, that the said corporation shall always consist of a number not less than seven, nor more than nine persons, excepting only that whenever a vacancy shall happen by death, removal, refusal, or resignation of any member or members, so that the number be reduced to less than seven, the aforesaid number, then the remaining or surviving trustees shall have full power to perform all corporate acts until such vacancy be supplied; and the said trustees shall elect and appoint a clerk of the corporation, who shall fairly enter and record all votes, acts, orders, and proceedings made, done or passed by the trustees; and shall elect a proper person to be their treasurer, who shall receive into his hands all monies belonging to the corporation and pay the same pursuant to the order of the trustees, and shall always keep a fair account of all receipts and payments.

SECTION 4. And be it further enacted, that the power of electing and appointing successors in case of the death, removal, refusal, or resignation of any of the trustees be, and hereby is, vested solely in the Supreme Judicial Court of this Commonwealth; and whenever any of the above-mentioned cases shall happen, the trustees shall, as soon as conveniently may be, certify the same to the Justices of the said court, that a successor may be appointed; and the Justices of the same court are hereby empowered to remove from office and trust any member of the corporation who shall, in their judgment, be unfit to hold the same, by reason of incapacity, misdemeanor, negligence or breach of trust.

And to the intent that the said donation may not be wasted, mismanaged, or perverted from its original intention;

SECTION 5. Be it further enacted by the authority aforesaid, that the said corporation, and the donation itself, shall always be under the visitation and direction of the Supreme Judicial Court, who are hereby empowered to visit the said corporation to rectify all abuses, to determine all matters of doubt or dispute touching the duty of the trustees, and the use, application, or appropriation of monies or interests to the same donation belonging; and to make all such orders and regulations with respect to the use, management, and appropriation of the same donation and every part thereof, as they

shall judge necessary or useful in order to promote the best interest of the school, according to the true meaning and intention of the testator and such laws of this Commonwealth as may be in force respecting the same; and the said court, whenever they shall judge necessary, shall cause the said trustees to come before them, either to render an account of expenditures and dispositions of monies, or to answer for any mismanagement or breach of trust; and the trustees shall appear and lay their accounts, papers, records, and corporation books before the said court for inspection, whenever they shall be required thereto.

SECTION 6. And be it further enacted, that the said trustees and their successors forever shall have the possession, management, and disposition of the whole interest and estate, real and personal, which is contained in and given, bequeathed, devised, or disposed of by the above recited clause in the will aforesaid; and they are hereby empowered and directed, as soon as conveniently may be, to erect and maintain a Free School within the said town of Williamstown, for the instruction of youth, in such manner as most effectually to answer the pious, generous, and charitable intention of the testator, and agreeable to such orders and instructions as they may, from time to time, receive from the Supreme Judicial Court; and they are hereby empowered to appoint and employ instructors, masters, and officers, as shall be necessary for that purpose.

And to the intent that the said trustees may be enabled, in the most easy and expeditious manner, to receive in their own possession and management, the whole estate, property, and interest, contained in the aforesaid donation;

SECTION 7. Be it further enacted by the authority aforesaid, that the said executors shall, at the request of the trustees, make and execute to the said trustees a deed or deeds of conveyance of all such lands or real estate as belong to said donation, and yet remain unsold, in which deed or deeds it shall be expressed that the executors do grant to the trustees the right, estate, and interest of the testator, and of themselves, in and to the described lands or tenements to the trustees and their successors forever; and the said executors shall deliver over into the hands of the trustees, at their request, all such personal securities or mortgages as the executors now have in their own hands, and which are a part of the same donation; all of which securities, whether bonds, promissory notes, mortgage deeds, or of what name or description soever, being endorsed with the names of the said executors, or one of them,

and delivered as aforesaid, shall become the property of the trustees to all intents and purposes; and they are hereby empowered, in the name of the corporation, to bring any action or actions against the obligors, promisors, mortgagors, or tenants, for recovering the contents of the same securities, or possession of mortgaged estates, which action or actions shall be holden to be good and valid in law for that purpose, as if the securities or mortgage deeds had been originally made to the trustees by their corporate names.

And, whereas the testator has directed, that in case his principal donations should afford an interest more than sufficient for the support and maintenance of the school in Williamstown, the surplusage should be improved to the use of a school in the East Township, now called Adams, in the said County of Berkshire; and whereas questions and disputes may arise touching the (nature) meaning and extent of this part of the will, and where there may be said to be a surplusage beyond what should be necessary, according to the intent of testator, for the support of the school in Williamstown;

SECTION 8. Be it further enacted, that in case of such surplusage, the said trustees are hereby empowered and directed to use and employ the same for erecting and supporting a Free School in the said town of Adams, in the same manner as has been in this act before provided in respect of the school in Williamstown; and that all questions and disputes that may arise concerning such surplusage, and the duty of the trustees in respect of the several schools, shall be determined by the Supreme Judicial Court; and the trustees shall always conform their conduct and administration herein to such orders and determinations as shall, from time to time, be made by the same court.

SECTION 9. And be it further enacted, that the Supreme Judicial Court may, at their discretion, exercise all the powers vested in them by virtue of this act, at any of the sessions holden within the counties of Berkshire or Hampshire; and in all trials at law, the court, ex-officio, shall take notice of this act to all intents and purposes whatsoever, and the same shall be given in evidence under any general issue.

At their first meeting, April 24, 1785, the trustees passed a resolution to the effect that "it is the sense of the corporation that the Free School in Williamstown be open and free for the use and benefit of the inhabitants of that town

and of the free citizens of the American States indiscriminately." They also decided that "it will best coincide with the liberal views of the donor and the intention of the legislature to admit no pupil to the Free School \* \* \* not having been taught to read English well."

As they found it difficult to collect the necessary funds for erecting a building, the trustees sent a petition, August 19, 1788, to the legislature, "for the grant of a lottery to raise the sum of twelve hundred pounds." Accordingly an act was passed February 11, 1789, making such a grant.

The initial step toward a transformation of the Free School into a college was taken at a meeting of the trustees, May 23, 1792. In a petition to the legislature they "humbly showed" what had been done already, and set forth the "several circumstances attending the situation of the Free School \* \* \* peculiarly favorable to a seminary of a more public and important nature." The petition was granted, and an act to establish the college and to transfer to it the property of the Free School was passed June 22, 1793:

AN ACT to establish a college in the County of Berkshire, within this Commonwealth, by the name of Williams College.

Be it enacted by the Senate and House of Representatives, in the General Court assembled, and by the authority of the same, that there be erected and established in the town of Williamstown, in the County of Berkshire, a college for the purpose of educating youth, to be called and known by the name of Williams College, to be under the government and regulation of a body politic and corporate, as hereafter in this act provided.

And be it further enacted by the authority aforesaid, that John Bacon, Esq., Rev. Daniel Collins, Israel Jones, Woodbridge Little, David Noble, Theodore Sedgwick, Thompson J. Skinner, Esquires, Rev. Seth Swift, Henry Vanscaak, Esq., Rev. Stephen West, D.D., William Williams and Elijah Williams, Esquires, together with the president of the said college for the time being, to be chosen as in this act is hereafter directed, be and hereby are created a body politic and corporate, by the name of "The President and Trustees



of Williams College," and that they and their successors, and such others as shall be duly elected members of the said corporation, shall be and remain a body politic and corporate, by that name forever.

And be it further enacted by the authority aforesaid, that for the more orderly conducting the business of the said corporation, The President and Trustees shall have full power and authority from time to time, as they shall determine, to elect a vice president and secretary of the said corporation and to declare the tenures and duties of their respective offices and also to remove any trustee from the said corporation, when, in their judgment, he shall be rendered incapable, by age or otherwise, of discharging the duties of his office or shall neglect or refuse to perform the same, and to fill up all vacancies in the said corporation, by electing such persons for trustees as they shall judge best. Provided, nevertheless, that the number of the said trustees, including the president of the said college, for the time being, shall never be greater than seventeen nor less than eleven.

And be it further enacted, that the said corporation may have one common seal, which they may change, break or renew, at their pleasure; and that all deeds signed and delivered by the treasurer, and sealed with their seal, by order of the President and Trustees, shall, when made in their corporate name, be considered in law as the deed of the said corporation; and that the said corporation may sue and be sued in all actions, real, personal or mixed, and may prosecute and defend the same to final judgment and execution, by the name of the President and Trustees of Williams College; and that the said corporation shall be capable of having, holding and taking in fee simple of any less estate, by gift, grant, devise or otherwise, any lands, tenements or other estate real or personal. Provided, nevertheless, that the annual clear income of the same shall not exceed the sum of six thousand pounds.

And be it further enacted by the authority aforesaid, that the said corporation shall have full power and authority to determine at what times and places their meetings shall be holden and in the manner of notifying the trustees to convene at such meetings; and also from time to time, elect a president and treasurer of said college, and such professors, tutors, instructors, and other officers of said college as they shall judge most for the interest thereof, and to determine the duties, salaries, emoluments and tenures of their several officers aforesaid; the said president, for the time being, when elected and inducted into his office, to be, ex-officio, presi-

dent of said corporation. And the said corporation are further empowered to purchase or erect, and to keep in repair, such houses and other buildings as they shall judge necessary for the said college; and also to make and ordain, as occasion may require, reasonable rules, orders and by-laws, not repugnant to the laws of this Commonwealth, with reasonable penalties, for the good government of the said college; and also to determine and prescribe the mode of ascertaining the qualifications of the students, requisite to their admission; and also to confer such degrees as are usually conferred by universities established for the education of youth. Provided, nevertheless, that no corporate business shall be transacted at any meeting, unless seven at least of the trustees are present; and provided further, that the said corporation shall confer no degree other than those of Bachelor of Arts and Master of Arts, until after the first day of January, which shall be in the year of our Lord one thousand eight hundred.

And be it further enacted by the authority aforesaid, that the clear rents, issues and profits of all the estates, real and personal, of which the said corporation shall be seized or possessed, shall be appropriated to the endowment of said college, in such manner as shall most effectually promote virtue and piety, and the knowledge of such of the languages, and of the liberal arts and sciences as shall hereafter be directed from time to time, by the said corporation.

And be it further enacted by the authority aforesaid, that the Hon. Thompson J. Skinner, Esq., be, and he is hereby authorized and empowered to fix the time and place for holding the first meeting of the said corporation, of which he shall give notice by an advertisement in the Stockbridge newspapers, at least fourteen days previous thereto.

And be it further enacted by the authority aforesaid, that the treasurer of the said college shall, before he enter upon the execution of the duties of his office, give bonds to the said corporation, with such sums, and with such sureties as they shall approve of, conditioned for the faithful discharge of the said office, and for rendering a just and true account of his doings therein, when required. And that all the money, securities and other property of The President and Trustees of Williams College, together with all the books in which his accounts and proceedings as treasurer were entered and kept, that shall be in his hands at the expiration of his office, shall, upon demand made upon him, his executors or administrators, be paid and delivered over to his successor in that

office. And all monies recovered by virtue of any suit at law, upon said bond, shall be paid over to the president and trustees aforesaid, and subjected to the appropriation above directed in this act.

And be it further enacted by the authority aforesaid, that the Legislature of this Commonwealth may grant any further powers to, or alter, limit, annul or restrain any of the powers by this act vested in said corporation, as shall be judged necessary to promote the best interest of the said college; and, more especially, may appoint and establish overseers or visitors of the said college, with all necessary powers and authorities for the better aid, preservation and government thereof.

And be it further enacted by the authority aforesaid, that all the property, real and personal, belonging to the trustees of Williamstown Free School, be, and the same hereby is vested in the corporation, which by this act is created.

And be it further enacted by the authority aforesaid, that there be, and hereby is granted to the trustees of Williams College, for the use, benefit and purpose of supporting said college, twelve hundred pounds, to be paid out of the treasury of this Commonwealth; three hundred pounds of the same to be paid the first day of September, one thousand seven hundred and ninety-three, and three hundred pounds annually, on the first day of September, for the three succeeding years.

February 26, 1796, an additional act was passed, as follows:

Whereas, Doubts have arisen whether the rights and credits which, previous to passing the act aforesaid, were vested in and belonging to the trustees of the donation of Ephraim Williams, Esquire, for maintaining a Free School in Williamstown, are by virtue of the same act transferred to and vested in the corporation of The President and Trustees of Williams College:

Be it therefore enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, that the said rights and credits be and hereby are transferred to and vested in the said Corporation of The President and Trustees of Williams College, who are hereby authorized to commence and prosecute to their final judgment and execution, any suit or action in law or equity, which the said trustees of the donation of Ephraim Williams, Esquire, for maintaining a free school in Williamstown, might heretofore have commenced or prosecuted.

On petition of the trustees the legislature passed an act February 4, 1796, granting the college two townships of land "of the contents of six miles square each, to be laid out and assigned from any of the unappropriated lands belonging to this Commonwealth in the district of Maine." The act provided that the trustees "shall cause to be settled fifteen families in each of said townships within twelve years from the passing this resolve; and also that there be reserved in each township three lots of three hundred and twenty acres each for the following uses, viz., one lot for the first settled minister, one lot for the use of the ministry, and one lot for the use of schools in each of said townships." These lands were sold for about \$10,000, and the proceeds devoted to building East College.

Nine years later the college again appealed to the legislature for assistance. A committee of that body, which investigated the condition and prospects of the institution, made the following report, February 19, 1805:

The Committee of both Houses, to whom was referred the petition of The President and Trustees of Williams College, praying the aid of government to enable them to build a chapel for the performance of divine service, and for keeping the college library and apparatus, having examined the origin, rise, and progress of the seminary, from its institution to the present time, together with the aid heretofore afforded by the government, and the existing state of its funds, beg leave to observe, That the funds granted by the original donor and the government have, in the opinion of the Committee, been judiciously applied to the object of the institution, and with success exceeding the most sanguine expectations, and that the present state of the college affords a reasonable and pleasing expectation of its future extensive benefits to society, and that a chapel for the purposes above mentioned would essentially promote the same; and as the encouragement and grants of the government to that college have not been equal to those made to other seminaries in the Commonwealth, the Committee ask leave to report the following resolve:

*Resolved*, For reasons set forth in the petition, that there be and hereby is granted one township of land of the contents of six miles

square to be laid out and assigned from any of the unappropriated lands belonging to the Commonwealth, in the District of Maine, except the ten townships lately purchased of the Penobscot Indians. \* \* \*

In 1809 the legislature granted another township of land in Maine "for further aid in support of Williams College and for the erecting of other buildings for the convenience of the institution and for sustaining a professor of the Oriental languages." The sum of \$9,500 was realized from the last two townships.

The legislature passed an act February 24, 1814, "for the Encouragement of Literature, Piety and Morality and the Useful Arts and Sciences," and appropriated the taxes due to the Commonwealth from the Massachusetts Bank, "for the ten years next to come," to Harvard, Williams, and Bowdoin. Of this fund Williams received three-sixteenths parts, which amounted to \$30,000. In 1859 the State gave the College \$25,000 and in 1868, \$75,000. The total of these legislative gifts is \$153,500.

In 1883 the following act was passed:

An act to authorize The President and Trustees of Williams College to hold additional real and personal estate.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso in section 4 of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, is hereby amended so as to read: "Provided, nevertheless, that the clear annual income of the same shall not exceed two hundred thousand dollars."

SECTION 2. This act shall take effect upon its passage.

In 1890 the legislature passed the following act:

The corporation known as The President and Trustees of Williams College and its standing committees may hold special meetings without the limits of the Commonwealth.

In 1906 the legislature passed the following act:

An act to authorize The President and Trustees of Williams College to hold additional real and personal property.

[Be it enacted, etc., as follows:]

SECTION 1. The proviso at the end of section four of the act establishing Williams College, passed on the twenty-second day of June in the year seventeen hundred and ninety-three, as amended by chapter thirty-nine of the acts of the year eighteen hundred and eighty-three is hereby further amended by striking out the words "two hundred thousand," in the last line of the proviso, and inserting in place thereof the words:—one million,—so that the proviso will read as follows:—Provided, nevertheless, that the clear annual income of the same shall not exceed one million dollars.

SECTION 2. This act shall take effect upon its passage.

The principal college buildings with the dates of their erection are as follows: West College, 1790; East College, 1798, burned in 1841, rebuilt in 1842; Fayerweather Hall, 1842, formerly South College, remodeled and enlarged, 1905; Griffin Hall, 1828, moved and remodeled in 1904; Hopkins Observatory, 1837; Lawrence Hall, 1846, extensions added in 1890; Goodrich Hall, 1859, formerly the Alumni Hall Chapel, remodeled and converted into recitation and seminar rooms in 1905; Field Memorial Observatory, 1882; Morgan Hall, 1882; Lasell Gymnasium, 1886; Hopkins Memorial Hall, 1890; Thompson Chemical Laboratory, 1892; Thompson Biological Laboratory, 1893; Thompson Physical Laboratory, 1893; Jesup Hall, 1899; Thompson Memorial Chapel, 1904; Central Heating Plant, 1904; Berkshire Hall, 1905; Edward Clark Hall, 1908, original structure erected in 1881; Currier Hall, 1908; Grace Hall, 1911; Williams Hall, 1911; New Infirmary, 1911.

## ADMISSION

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*All correspondence in matters of admission should be addressed to the Chairman of the Committee on Admissions.*

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## REQUIREMENTS FOR ADMISSION

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An application for admission should be filed by every candidate not later than August 1st of the year in which he wishes to enter college. A blank for this purpose can be secured by addressing the Chairman of the Committee on Admissions.

Every candidate for admission must present a testimonial of good character from the principal under whom he was prepared for college. This must be submitted before the attendance on college exercises begins.

Candidates for admission to the Freshman class must present satisfactory qualifications in one of the following groups of subjects, the work covered by each subject being given in detail in the pages following. Students admitted in any of the five admission groups are candidates for the degree of Bachelor of Arts.

### ADMISSION GROUP I

English *A* and *B*  
Greek *A*, *B*, *C*, and *G*  
History *A*  
Latin 1, 2, 4, and 5  
Mathematics *A* and *C*  
An Elective

### ADMISSION GROUP II

English *A* and *B*  
\*French *A* and *B*  
History *A*  
Latin 1, 2, 4, and 5  
Mathematics *A* and *C*  
An Elective

\*The passing of French *B* does not entitle to credit in French *A*. Both French *A* and French *B* must be passed.—See footnote, p. 48.

## ADMISSION GROUP III

English *A* and *B*  
 \*German *A* and *B*  
 History *A*  
 Latin 1, 2, 4, and 5  
 Mathematics *A* and *C*  
 An Elective

## ADMISSION GROUP IV

English *A* and *B*  
 French *A*  
 History *A*  
 Latin 1, 2, 4, and 5  
 Mathematics *A*, *B*, *C*, *D*, and *F*  
 An Elective

## ADMISSION GROUP V

English *A* and *B*  
 German *A*  
 History *A*  
 Latin 1, 2, 4, and 5  
 Mathematics *A*, *B*, *C*, *D*, and *F*  
 An Elective

The Elective required may be chosen by the candidate from the following list, it being understood that no subject specified as a requirement of a particular admission group (like French *A* and French *B* in Admission Group II) may serve as the Elective in that group.

## CLASS A

Botany  
 Chemistry  
 History *B*  
 History *C*  
 History *D*  
 Physics  
 Zoölogy

## CLASS B

French *A*  
 French *B*  
 German *A*  
 German *B*  
 Mathematics *B*  
 Mathematics *D*  
 Mathematics *F*

The Electives of Class A may be presented by certificate or by examination; those of Class B may be presented by examination only.

The number of year-hours required for graduation is sixty-two, if the candidate offers an Elective of Class A; if he offers an Elective of Class B, the number of hours required for graduation is reduced by one for Mathematics *D* or

\* The passing of German *B* does not entitle to credit in German *A*. Both German *A* and German *B* must be passed.—See footnote, p. 48.



Mathematics *F*; by two for Mathematics *B*; and by three for French *A*, French *B*, German *A*, or German *B*. If a candidate offers two or more of the Electives of Class B (selecting those not specifically required in his admission group), the requirement for graduation is diminished by the corresponding total number of hours. (See page 57.)

The details of the requirements in all subjects except Botany, Chemistry, and Zoölogy are given in the following pages. English includes in every case English *A* and *B*; Greek includes Greek *A*, *B*, *C*, and *G*; and Latin includes Latin 1, 2, 4, and 5.

The details of the requirements in Botany, Chemistry, and Zoölogy are to be found in the publications of the College Entrance Examination Board.

The notation used agrees with that of the College Entrance Examination Board.

#### DETAILS OF SUBJECTS

##### ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

##### GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise letter-writing, narration, description, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal

experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by the concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

### LITERATURE

The second object is sought by means of two lists of books, headed respectively **READING** and **STUDY**, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

### READING

#### A

The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

The books provided for candidates entering college in 1914 are arranged in the following groups, from which at least ten units\* are to be selected, two from each group:

I. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if

\*Each unit is set off by semicolons.

desired, of Books XI, XIII, XIV, XV, XVII, XXI; Vergil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespere's *Merchant of Venice*; *Midsummer Night's Dream*; *As You Like It*; *Twelfth Night*; *Henry the Fifth*; *Julius Caesar*.

III. Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; either Scott's *Ivanhoe* or Scott's *Quentin Durward*; Hawthorne's *House of the Seven Gables*; either Dickens's *David Copperfield* or *A Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; George Eliot's *Silas Marner*; Stevenson's *Treasure Island*.

IV. Bunyan's *Pilgrim's Progress*, Part I; The *Sir Roger de Coverley Papers* in the *Spectator*; Franklin's *Autobiography* (condensed); Irving's *Sketch Book*, Macaulay's *Lord Clive* and *Warren Hastings*, Thackeray's *English Humorists*; *Selections* from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail*; Thoreau's *Walden*, or Huxley's *Autobiography* and selections from *Lay Sermons*, including the address on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*; Stevenson's *Inland Voyage* and *Travels with a Donkey*.

V. Palgrave's *Golden Treasury* (First Series), *Books II and III*, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal*; Scott's *Lady of the Lake*; Byron's *Childe Harold*, Canto IV, and *Prisoner of Chillon*; Palgrave's *Golden Treasury* (First Series), *Book IV*, with especial attention to Wordsworth, Keats, and Shelley; Poe's *Raven*, Longfellow's *Courtship of Miles Standish*, and Whittier's *Snow Bound*; Macaulay's *Lays of Ancient Rome* and

Arnold's *Sohrab and Rustum*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, and *Up at a Villa—Down in the City*.

## STUDY

## B

This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions.

Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, and *Comus*; either Burke's *Speech on Conciliation with America*, or both Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; either Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

## EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which may be taken as a preliminary, and the other as a final.

The first part of the examination will be upon ten units chosen, in accordance with the plan described earlier, from the lists headed *Reading*; and it may include also questions upon grammar and the simpler principles of rhetoric, and a short composition upon some topic drawn from the student's general knowledge or experience. On the books prescribed for reading, the form of the examination will usually be the writing of short paragraphs on several topics, which the candidate may choose from a considerable number. These topics will involve such knowledge and appreciation of plot, character-development, and

other qualities of style and treatment as may be fairly expected. In grammar and rhetoric, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors.

The second part of the examination will include composition and those books comprised in the list headed *Study*. The test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books prescribed for study, from the candidate's other studies, and from his personal knowledge and experience quite apart from reading. For this purpose the examiner will provide several subjects, perhaps five or six, from which the candidate may make his own selections. The test on the books prescribed for study will consist of questions upon their content, form, and structure, and upon the meaning of such words, phrases, and allusions as may be necessary to an understanding of the works and an appreciation of their salient qualities of style. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

The list of books prescribed both for reading and for study has been considerably modified for candidates entering in 1915, 1916, 1917, 1918, and 1919. The modified list may be obtained upon application to the Secretary of the College Entrance Examination Board, Post Office Sub-station 84, New York City.

## FRENCH

A

## THE ELEMENTARY REQUIREMENT.

The Aim of the Instruction. At the end of the elementary course the pupil should be able to pronounce French accurately, to read at sight easy French prose, to put into French simple English

sentences taken from the language of every-day life or based upon a portion of the French text read, and to answer questions on the rudiments of the grammar as defined below.

The Work to be Done. During the first year the work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural nouns, the inflection of adjectives, particles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; the order of words in the sentence, and the elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in the memory the form and the principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (4) the reading of from 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

During the second year the work should comprise: (1) the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and the use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and the subjunctive.

Suitable texts for the second year are: About's *Le roi des montagnes*, Bruno's *Le tour de la France*, Daudet's easier short tales, La Bédollière's *La Mère*

*Michel et son chat*, Erckmann-Chatrian's stories, Foa's *Contes biographiques* and *Le petit Robinson de Paris*, Foncin's *Le pays de France*, Labiche and Martin's *La poudre aux yeux* and *Le voyage de M. Perrichon*, Legouv   and Labiche's *La cigale chez les fourmis*, Malot's *Sans famille*, Mair  t's *La t  che du petit Pierre*, M  rim  e's *Colomba*, extracts from Michelet, Sarcey's *Le si  ge de Paris*, and Verne's stories. See footnote, p. 48.

# B THE INTERMEDIATE REQUIREMENT.

The Aim of the Instruction. At the end of the intermediate course the pupil should be able to read at sight ordinary French prose or simple poetry, to translate into French a connected passage of English based on the text read, and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

The Work to be Done. This should comprise the reading of from 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; and writing from dictation.

Suitable texts are: About's stories, Augier and Sandeau's *Le gendre de M. Poirier*, B  ranger's poems, Corneille's *Le Cid* and *Horace*, Copp  e's poems, Daudet's *La Belle Nivernaise*, La Br  te's *Mon oncle et mon cur  *, Madame de S  vign  's letters, Hugo's *Hernani* and *La chute*, Labiche's plays, Loti's *P  cheur d'Islande*, Mignet's historical writings, Moli  re's *L'avare* and *Le bourgeois gentilhomme*, Racine's *Athalie*, *Andromaque*, and *Esther*, George Sand's plays and stories, Sandeau's *Mademoiselle de la Seigli  re*, Scribe's plays, Thierry's *R  cits des temps m  rovingiens*, Thiers's *L'exp  dition de Bonaparte en Egypte*, Vigny's *La canne de jonc*, and Voltaire's historical writings.

## GERMAN

## A

## THE ELEMENTARY REQUIREMENT.

The Aim of the Instruction. At the end of the elementary course in German the pupil should be able to read at sight, and to translate, if called upon, by way of proving ability to read, a passage of very easy dialogue or narrative prose, help being given upon unusual words and constructions, to put into German short English sentences taken from the language of every-day life or based upon the text given for translation, and to answer questions upon the rudiments of the grammar, as defined below.

The Work to be Done. During the first year the work should comprise: (1) careful drill upon pronunciation; (2) the memorizing and frequent repetition of easy colloquial sentences; (3) drill upon the rudiments of grammar, that is, upon the inflection of the articles, of such nouns as belong to the language of every-day life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also upon the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word-order; (4) abundant easy exercises designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in the reproduction of natural forms of expression; (5) the reading of from 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in the reproduction from memory of sentences previously read.

During the second year the work should comprise: (1) the reading of from 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in the translation into German of easy variations upon the matter read and also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill upon the rudiments of the grammar, directed to the ends of enabling the pupil, first, to use his knowl-



edge with facility in the formation of sentences, and, secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen's *Märchen* and *Bilderbuch ohne Bilder*, Arnold's *Fritz auf Ferien*; Baumbach's *Die Nonna* and *Der Schwiegersohn*; Gerstäcker's *Germelshausen*; Heyse's *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern's *Höher als die Kirche*; Jensen's *Die braune Erica*; Leander's *Träumereien* and *Kleine Geschichten*; Seidel's *Märchen*; Stöckl's *Unter dem Christbaum*; Storm's *Immensee* and *Geschichten aus der Tonne*; and Zschokke's *Der zerbrochene Krug*.

Good plays adapted to the elementary course are much harder to find than good stories. Five-act plays are too long. They require more time than it is advisable to devote to any one text. Among shorter plays the best available are perhaps Benedix's *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz's *Er ist nicht eifersüchtig*; Wichert's *An der Majorsecke*; and Wilhelmi's *Einer muss heiraten*. It is recommended, however, that not more than one of these plays be read. The narrative style should predominate. A good selection of reading matter for the second year would be Andersen's *Märchen*, or *Bilderbuch*, or Leander's *Träumereien*, to the extent of, say, forty pages. After that such a story as *Das kalte Herz*; or *Der zerbrochene Krug*; then, *Höher als die Kirche*, or *Immensee*; next, a good story by Heyse, Baumbach, or Seidel; and lastly, *Der Prozess*. See footnote, p. 48.

#### B THE INTERMEDIATE REQUIREMENT.

The Aim of the Instruction. At the end of the intermediate course the pupil should be able to read at sight German prose of ordinary difficulty, whether recent or classical; to put into German a connected passage of simple English, paraphrased from a given text in German; to answer any grammatical questions relating to usual forms and essential principles of the language, including syntax and word-forma-

tion, and to translate and explain (so far as explanation may be necessary) a passage of classical literature taken from some text previously studied.

The Work to be Done. The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with special reference to the infinitive and subjunctive), and likewise upon word-order and word-formation.

The intermediate course is supposed to be the elementary course, plus one year's work at the rate of not less than four recitations a week. Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach's *Die Freiherren von Gemperlein*; Freytag's *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*—for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué's *Undine*; Gerstäcker's *Irrfahrten*; Goethe's *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffmann's *Historische Erzählungen*; Lessing's *Minna von Barnhelm*; Meyer's *Gustav Adolf's Page*; Moser's *Der Bibliothekar*; Riehl's *Novellen*—for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der Stumme Ratsherr*, *Das Spielmannskind*; Rosegger's *Waldheimat*; Schiller's *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel's *Der Trompeter von Säckingen*; Uhland's poems; and Wildenbruch's *Das edle Blut*.

## GREEK

A

i Greek Grammar.

ii Greek Composition. Translation into Greek of sentences based upon Xenophon's *Anabasis*, Books I and II.

- B Xenophon, *Anabasis*, Books I-IV.
- C Homer, *Iliad*, Books I-III (omitting II, 494-end), and the Homeric constructions, forms, and prosody.
- G Translation at sight of prose of no greater difficulty than Xenophon's *Anabasis*.

## HISTORY

- A Ancient History, comprising Greek history to the death of Alexander, and Roman to the death of Constantine. Oman's, Botsford's, and Myer's Histories of Greece, and Botsford's and Myer's Histories of Rome are recommended. The related geography is also included.

Ancient History, as defined by the College Entrance Examination Board, extending to 814 A. D., will be accepted as an equivalent.
- B Mediæval and Modern History, from the death of Charlemagne to the present time. As text-books West's *Modern History* and Harding's *Essentials of Mediæval and Modern History* are recommended. Collateral reading and historical geography should form a part of the work in this subject.

The requirement for History B, as outlined by the College Entrance Examination Board, will be accepted.
- C English History, as defined by the College Entrance Examination Board. Walker's *Essentials in English History*, Cheyney's *Short History of England*, and Andrew's *History of England*, are recommended.
- D American History, as defined by the College Entrance Examination Board. Hart's *Essentials in American History*, Adams and Trent's *History of the United States*, Channing's *Students' History of the United States*, and McLaughlin's *History of the American Nation* are recommended.

## LATIN

The following requirements in Latin are in accordance with the recommendations made by the Commission of College Entrance Requirements in Latin, October, 1909.

## I AMOUNT AND RANGE OF THE READING REQUIRED

(1) The Latin reading, without regard to the prescription of particular authors and works, shall be not less *in amount* than Caesar, *Gallic War*, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, *Aeneid*, I-VI.

(2) The amount of reading specified above shall be selected by the schools from the following authors and works: Caesar (*Gallic War* and *Civil War*) and Nepos (*Lives*); Cicero (orations, letters, and *De Senectute*) and Sallust (*Catiline* and *Jugurthine War*); Vergil (*Bucolics*, *Georgics*, and *Aeneid*) and Ovid (*Metamorphoses*, *Fasti*, and *Tristia*).

## II SCOPE OF THE EXAMINATIONS

(1) *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. In vocabulary, constructions, and range of ideas, the passages set will be suited to the preparation secured by the reading indicated above.

(2) *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Vergil, *Aeneid*, I, II, and either IV or VI, at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight: and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

(3) *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

## SUBJECTS FOR EXAMINATION

- I. GRAMMAR. The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).
2. ELEMENTARY COMPOSITION. The examination will presuppose the reading of the required amount of prose (see I, 1 and 2), including the prose works prescribed (see II, 2).
4. CICERO (orations for the Manilian Law and for Archias) and SIGHT TRANSLATION OF PROSE.
5. VERGIL (*Aeneid*, I, II, and either IV or VI, at the option of the candidate), and SIGHT TRANSLATION OF POETRY.

## MATHEMATICS

A ELEMENTARY ALGEBRA; ALGEBRA TO QUADRATICS AND BEYOND.

A1 ALGEBRA TO QUADRATICS.

The four fundamental operations for rational algebraic expressions.

Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and negative.

A2 QUADRATICS AND BEYOND.

Quadratic equations, both numerical and literal.

Simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the  $n$ th term and the sum of the terms of arithmetical and geometrical progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

**B ADVANCED ALGEBRA.**

Permutations and combinations, limited to simple cases.

Complex numbers, with graphical representation of sums and differences.

Determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations.

Numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's method, but not Sturm's functions or multiple roots.

**C PLANE GEOMETRY.** The usual theorems and constructions of good text-books,\* including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of lines and plane surfaces.

**D SOLID GEOMETRY.**

The usual theorems and constructions of good text-books,\* including the relations of planes and lines in space; the properties and measurement of prisms, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including loci problems.

\* The examination questions in Plane Geometry and Solid Geometry will be limited to propositions contained in the syllabus issued by the National Committee of Fifteen appointed by the American Federation of Teachers of the Mathematical and Natural Sciences and the National Education Association. The report of the Committee may be obtained gratis upon application to the Commissioner of Education, Department of the Interior, Washington, D. C.

Applications to the mensuration of surfaces and solids.

*F* PLANE TRIGONOMETRY.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc., the transformation of trigonometric expressions by means of these formulas.

Solution of trigonometric equations of a simple character.

Theory and use of logarithms (without the introduction of work involving infinite series).

The solution of right and oblique triangles and practical applications.

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Mathematics *B*, *D*, and *F* above together comprise approximately the college course, *Mathematics 1-2*.

PHYSICS

A course of study dealing with the elementary facts and principles of physics and with the applications of physical laws to the experiences of everyday life. The course of instruction should include:

i. The study of a standard text-book, or equivalent work by lectures; this study should be illustrated by qualitative lecture-room experiments and should be accompanied by practice in the solution of numerical problems.

ii. Individual quantitative laboratory work by the pupil, consisting of at least 30 experiments well distributed through the various divisions of the subject, and similar in character to those found in the list suggested by the College Entrance Examination Board. This work should require at least 30 double periods of the school program.

It is expected that the course will occupy in lectures, recitations, and laboratory work, at least five hours per week for an entire year.

## ASSIGNMENT OF UNITS

In the terms of the scale of values adopted by the College Entrance Examination Board, where the unit represents one year's work in a secondary school, with four or five periods per week, the admission subjects listed above have weights assigned as follows:

Botany	1 unit
Chemistry	1 "
English <i>A</i>	2 units
English <i>B</i>	1 unit
French <i>A</i>	2 units
French <i>B</i>	1 unit
German <i>A</i>	2 units
German <i>B</i>	1 unit
Greek <i>A</i>	1 "
Greek <i>B</i>	1 "
Greek <i>C</i>	1 "
History <i>A</i>	1 "
History <i>B</i>	1 "
History <i>C</i>	1 "
History <i>D</i>	1 "
Latin 1	1 "
Latin 2	1 "
Latin 4	1 "
Latin 5	1 "
Mathematics <i>A1</i>	1 "
Mathematics <i>A2</i>	$\frac{1}{2}$ "
Mathematics <i>B</i>	$\frac{1}{2}$ "
Mathematics <i>C</i>	1 "
Mathematics <i>D</i>	$\frac{1}{2}$ "
Mathematics <i>F</i>	$\frac{1}{2}$ "
Physics	1 "
Zoölogy	1 "

## ARRANGEMENT OF EXAMINATIONS FOR ADMISSION

Examinations for admission are held twice each year, in June and in September.

In June the admission examinations of the college are those of the College Entrance Examination Board, of which



Williams College is a member. An application for the privilege of taking these examinations must be made to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., from whom all necessary information regarding the June examinations can be obtained. These examinations are held annually in June at a large number of widely distributed points, including Williamstown.

In June, 1914, the admission examinations of this college will be the examinations of the College Entrance Examination Board. The examinations will be held during the week June 15-20, 1914.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 1, 1914; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 25, 1914; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 11, 1914.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidates concerned, but only upon the payment of \$5.00 in addition to the usual fee.

The examination fee is \$5.00 for all candidates examined at points in the United States and Canada and \$15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1914, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers submitted will be accepted by the college on the same terms as the results of the examinations conducted by the college in September. Candidates for admission to Williams College should forward the results of their examinations, as soon as they are received from the Board, to the Chairman of the Committee on Admissions, Williams College, Williams-town, Mass.

The custom of sending examination papers from the college in June to preparatory schools for the use of candidates preferring to take the Williams College examinations there has been discontinued.

In September the admission examinations are given only by the college and do not include the subjects, Botany, Chemistry, Physics, and Zoölogy. They will be held for the next college year in rooms 6 and 10, Hopkins Hall, on the Friday, Saturday, Monday, Tuesday, and Wednesday before the beginning of the first semester, September 11-16, 1914, as follows:

## FRIDAY

8 A.M.—\*French *A*2 P.M.—\*German *A*

## SATURDAY

8 A.M.—†French *B*2 P.M.—†German *B*

## MONDAY

8 A.M.—English *A* and *B*2 P.M.—Greek *A*, *B*, *C*, and *G*

## TUESDAY

8 A.M.—Latin 4 and 5

2 P.M.—Mathematics *A*, *B*, *C*, *D*, and *F*

## WEDNESDAY

8 A.M.—History *A*, *B*, *C*, and *D*

2 P.M.—Latin 1 and 2

\* The examination at the college in September includes an oral test in pronunciation.

† Candidates for admission are required to gain credit in French *A* or German *A* before trying French *B* or German *B* respectively in September.—See footnote, pp. 29-30.

Examinations in Botany, Chemistry, Physics, and Zoölogy are offered in June only.

The passing mark is fifty in all admission examinations.

It is desired that candidates for admission to Williams College by examination take only the examinations offered by the College Entrance Examination Board in June and by the college in September. Official statements showing that candidates have passed admission examinations at another college or university may be accepted in case the candidate decides to transfer his application for admission from such other college or university to Williams College. But the examinations of the September in which the candidate seeks admission may not be taken elsewhere than at Williams College.

#### PRELIMINARY ADMISSION EXAMINATIONS

Preliminary examinations in any of the requirements for admission may be taken a year or more in advance; but, in accordance with the rules of the College Entrance Examination Board, the candidates for such examinations in June must submit in advance, from the principals of their schools, certificates specifying that their teachers consider them prepared in the subjects selected; while candidates for preliminary examinations in September must submit also satisfactory evidence that they have made a thorough review during the summer. Blank forms for use in submitting evidence of fitness for preliminary examinations in September may be obtained from the Chairman of the Committee on Admissions. Such a form, properly filled out, should be submitted by every preliminary candidate not later than one week before the beginning of the September examinations.

The examination will cover the whole of each subject offered by the candidate; for example, Greek *B*, Latin 4, or Mathematics *C* may not be divided between the preliminary and the final examinations.

In order to prevent an interruption to studies which are to be continued in college, candidates are advised to reserve the following subjects for the final examinations: English *B*, Greek *C*, Latin 4 or 5, and Mathematics *A2* or *C* (or Mathematics *B*, *D*, and *F*, if the admission group is IV or V).

The times and places of the preliminary examinations, as well as the questions submitted, are the same as for the regular final examinations.

#### ADMISSION BY CERTIFICATE

Under certain conditions specified below, certificates made out on prescribed forms and signed by the principals of preparatory schools are accepted in place of examinations in Botany, Chemistry, English, Greek, History, Latin, Mathematics *A*, Mathematics *C*, Physics, and Zoölogy. Certificates will in no case be accepted for French *A* or *B*, German *A* or *B*, or Mathematics *B*, *D*, or *F*, or for the anticipation of any course of study offered in college.

No certificate in Mathematics *A* will be accepted unless accompanied by a statement that at least fifty regular recitation exercises have been devoted to a review of Mathematics *A* or to Mathematics *B* or Mathematics *F* during the last preparatory school year.

The certificates of the schools approved by the New England College Entrance Certificate Board are accepted, in accordance with the regulations of the college and subject to the rules of the Board, for admission to Williams College. Certificates are not accepted from any schools in New England which lack the approval of that Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Frank W. Nicolson, M.A., Wesleyan University, Middletown, Conn. Applications must be received by the

Secretary before April 1st in order to be approved for the next college year.

Application for the certificate privilege for schools outside New England should be made by the principal on a blank provided for the purpose by the Chairman of the Committee on Admissions.

These applications will ordinarily be granted if the school has at least one candidate already nearly prepared for admission to Williams College and if the Faculty of the college has such information concerning the work of the school as seems to it to warrant. In general, a school which has recently sent to the college properly trained students by examination is considered entitled, on application, to receive the certificate privilege and to retain it as long as there is no radical change in the efficiency of the school; but any school will be dropped from the approved list whenever for a period of five years it has sent no students to the college.

The certificate privilege is not granted to private tutors and it is not to be used for any work done with private tutors, but only for work done regularly in the school whose principal signs the certificate.

The certificate privilege is revocable in all cases where, in the opinion of the Faculty of the college, it is not properly used.

Certificates must be made out on blank forms furnished by the Chairman of the Committee on Admissions, and in accordance with the instructions contained therein. These certificates must contain an explicit statement of the work done by the candidates and the time devoted to it. If the certificate covers less than two-thirds of the total of the certificate subjects in the admission group in which the candidate proposes to enter, the certificate will not be accepted. If the time devoted to a given subject seems inadequate, the certificate may be rejected for the subject in which such deficiency appears, though it may remain valid for other subjects. In such cases an examination upon the

subjects in which the deficiency occurs will be required. For slight deficiencies conditions may be imposed.

A student who has failed to pass the admission examinations in September at this or any other college will not be admitted by certificate unless he has had, since such failure, at least a year of study in the school whose principal issues the certificate.

Freshmen who have entered by certificate and have subsequently been dismissed for failure in their studies may re-enter with the next class on such terms as the Committee on Admissions may prescribe.

When a year or more has passed between the completion of the work for which the certificate vouches and the time of admission to college, satisfactory evidence that the candidate has kept up his studies in the interval is required.

Certificates must be signed by the principal of the school (or some one duly qualified to act in his stead) and are to be sent to the Chairman of the Committee on Admissions before July 15th, so far as is practicable, but not in advance of the actual completion of the work for which they vouch. All certificates should be submitted at least as early as the first of September.

Blank certificates will be sent to the principal of any approved school on request, but they are not sent to other persons.

The diplomas "with credit,"—and marks as high as seventy-five per cent. in individual subjects,—gained at the examinations of the Board of Regents of the State of New York, are accepted for admission purposes on the same terms as the certificates of approved schools. Accordingly such examination credits are never accepted in French, German, or Advanced Mathematics.

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*All correspondence in matters of admission should be addressed to the Chairman of the Committee on Admissions.*

## ANTICIPATION OF COLLEGE COURSES

I *Subjects in the Admission Groups*

Any college course included in the admission groups of pages 29 and 30 of this catalogue will be counted towards a degree, if offered in addition to the subjects required in the chosen admission group. The examinations in such additional subjects are the regular examinations for admission and are to be taken at the appointed times in June and September.

The college courses which may be anticipated thus by passing the corresponding admission examinations in June or September are the following:—*French* 1-2, *French* 3-4, *German* 1-2, *German* 3-4, and *Mathematics* 1-2.

II *Subjects not in the Admission Groups*

Any student may be allowed, by special vote of the Faculty, to anticipate by examination a course of study not included among those mentioned in the above paragraph, if he gives evidence of having had satisfactory instruction in the subject in some school or college. In such anticipatory examinations, a grade as high as B is required.

## GRADUATION IN THREE YEARS

A student who is able to anticipate at admission, in accordance with the above rules, two college courses, may, by taking the requisite number of extra courses, complete the requirement for graduation in three years; but the Faculty will decline to permit a student to undertake this unless his general scholarship is of high character.

## ADMISSION TO ADVANCED STANDING

Students who come from other colleges and who bring certificates of honorable dismissal may, on proof of their

qualifications, be admitted to a corresponding standing in this college.

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*All correspondence in matters of admission to college should be addressed to the Chairman of the Committee on Admissions.*



# CURRICULUM

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## GENERAL DESCRIPTION

The curriculum of Williams College provides, in the first place, for the continuation of the principal subjects offered at admission by prescribing in the Freshman year the study of Latin, English, Mathematics, and the other language of the admission group in which the student enters, together with Elementary French or German. In the second place, by organizing the courses of the last three years in eleven Major Groups arranged in three Divisions, the curriculum secures the concentration of part of the student's work in one well defined field and the distribution of another part among different subjects. A Major Group consists in general of a Sophomore introductory course, three prescribed courses in Junior year, and two advanced year-courses (or their equivalent in semester-courses) in the Senior year. The rest of the student's work is elective, subject to the requirement that in Sophomore year he shall take at least one course in each Division, and, after Sophomore year, at least one year-course from each of the two Divisions in which his Major Group is not placed.

Any student of very high scholarship may, with the written approval of the professors concerned, petition the Faculty for greater freedom of election of courses in the Junior and Senior years than is afforded by the arrangement of the curriculum. Such petitions will be referred to the Advisory Committee for consideration and report to the Faculty and will be decided with a view to the establishment in due time of a system of honors courses.

The Exhibit of Divisions and Major Groups is given on pages 60-61. All elections are subject to the prerequisites published on pages 62-100.

**FRESHMAN YEAR**

In the Freshman year each student must take Latin, English, Mathematics, and two of the three languages, Greek, French, and German. If a student has anticipated any required course of the Freshman year (see p. 59), he may substitute therefor any Sophomore course for which he has the proper prerequisite.

**SOPHOMORE YEAR**

The student must take four courses, at least one in each Division, from among those open to Sophomores. One of these shall serve as the introductory course of the Major Group which is to be selected at the end of the Sophomore year.

**JUNIOR YEAR**

Each student must take the three courses of the Major Group that he has selected. He must also elect two other courses. Either in this year or the next, one year-course (or its equivalent in semester-courses) at least must be taken in each of the two Divisions other than that in which the Major Group is placed.

**SENIOR YEAR**

Each student must complete his Major Group by taking two year-courses or their equivalent in semester-courses from among those comprised in the Group. He must also elect at least two other year-courses or their equivalent, completing, if he has not already done so, the requirement of one year-course, or its equivalent, after Sophomore year in each of the two Divisions other than that in which the Major Group is placed.

**GRADES**

The grade system of marking used is defined as follows:

There shall be five grades, indicated thus: A, "excellent"; B, "good"; C, "fair"; D, "passable"; E, "failure."

The interpretation of the several grade names, "excellent," "good," "failure," etc., rests wholly with the judgment of the individual instructor.

### COMPLETION OF COURSES

A course will be considered satisfactorily completed for any semester when the student has obtained a grade as high as D based on both the daily work (which shall include all oral or written exercises prior to the semi-annual examination) and the semi-annual examination. A student failing to obtain a grade as high as D must, if the course is required, repeat it the following year, or, in case of French 1-2, French 3-4, German 1-2, German 3-4, or Mathematics 1-2, pass the corresponding admission examinations in September with a grade as high as D.

### GRADUATION

The number of semester-hours required for graduation is 124 (62 year-hours); but every student, in order to be graduated, must have attained a grade above D in at least one-half the number of hours required for graduation; and all courses regularly taken in the Senior year must be passed, even though they may not be necessary for completing the number of hours indicated above.

### BACHELOR OF ARTS

The Degree of Bachelor of Arts is conferred by vote of the Trustees at the annual Commencement upon students who have completed the requirements as to courses, hours, and grades to the satisfaction of the Faculty (see pp. 56-57), have paid to the Treasurer all college dues and other college charges, and have returned all books belonging to the library; but the degree may be forfeited by misconduct at any time previous to the close of the Commencement Exercises.

## GROUPS OF HOURS

## ARRANGED ACCORDING TO TIME:

	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
8:00	g	D,d	D,d	A,a	g	A,a
9:00	h	E,e	E,e	B,b	h	B,b
10:00	i	F,f	F,f	C,c	i	C,c
11:00	j	k	j	k	j	k
1:00	A,a	A	g	D	D,d	
2:00	B,b	B	h	E	E,e	
3:00	C,c	C	i	F	F,f	

## ARRANGED ACCORDING TO LETTERS:

Group A	M. Tu. 1:00-2:00, Th. S. 8:00-9:00	Group d	Tu. W. 8:00-9:00, F. 1:00-2:00
Group B	M. Tu. 2:00-3:00, Th. S. 9:00-10:00	Group e	Tu. W. 9:00-10:00, F. 2:00-3:00
Group C	M. Tu. 3:00-4:00, Th. S. 10:00-11:00	Group f	Tu. W. 10:00-11:00, F. 3:00-4:00
Group D	Tu. W. 8:00-9:00, Th. F. 1:00-2:00	Group g	M. F. 8:00-9:00, W. 1:00-2:00
Group E	Tu. W. 9:00-10:00, Th. F. 2:00-3:00	Group h	M. F. 9:00-10:00, W. 2:00-3:00
Group F	Tu. W. 10:00-11:00, Th. F. 3:00-4:00	Group i	M. F. 10:00-11:00, W. 3:00-4:00
Group a	M. 1:00-2:00, Th. S. 8:00-9:00	Group j	M. W. F. 11:00-12:00
Group b	M. 2:00-3:00, Th. S. 9:00-10:00	Group k	Tu. Th. S. 11:00-12:00
Group c	M. 3:00-4:00, Th. S. 10:00-11:00		

The groups of no two small letters conflict, and the groups of no two large letters conflict.

Group a conflicts with group A, group b conflicts with group B, etc.

NOTE:—Between the Thanksgiving recess and the Spring recess, the exercises will be held regularly one-half hour later than the above schedule indicates.

## EXHIBIT OF FRESHMAN STUDIES

The following exhibit of studies indicates the courses of instruction that are offered to Freshmen. The studies of the Freshman year are prescribed, except that there is an option between French and German for students in Admission Group I.

The amounts of French and German which students entering by the various admission groups must have completed before graduation are as follows: Admission Group I, French 1-2 or German 1-2; Admission Group II, French 1-2, 3-4, and 5-6 and German 1-2; Admission Group III, French 1-2 and German 1-2, 3-4, and 5-6; Admission Group IV, French 1-2 and German 1-2; Admission Group V, French 1-2 and German 1-2 and German 3-4.

The admission groups are arranged according to the different terms of admission stated on pp. 29, 30. The unenclosed figures refer to the courses of instruction as announced by the departments in the catalogue and the figures in parentheses indicate the number of exercises per week in each course.

### FRESHMAN YEAR—REQUIRED COURSES

ADMISSION GROUP I	ADMISSION GROUP II	ADMISSION GROUP III	ADMISSION GROUP IV	ADMISSION GROUP V
Rhetoric 1-2 (2)	Rhetoric 1-2 (2)	Rhetoric 1-2 (2)	Rhetoric 1-2 (2)	Rhetoric 1-2 (2)
French 1-2 or (3)	French 5-6 (4)	French 1-2 (3)	French 3-4 (3)	French 1-2 (3)
German 1-2 (3)	German 1-2 (3)	German 5-6 (4)	German 1-2 (3)	German 3-4 (3)
Greek 1-2 (4)	Latin 1-2 (3)	Latin 1-2 (3)	Latin 1-2 (3)	Latin 1-2 (3)
Latin 1-2 (3)	Mathematics 1-2 (4)	Mathematics 1-2 (4)	Mathematics 3-4 (4)	Mathematics 3-4 (4)
Mathematics 1-2 (4)	16	16	15	15
Hygiene and Physical Training Public Speaking	Hygiene and Physical Training Public Speaking	Hygiene and Physical Training Public Speaking	Hygiene and Physical Training Public Speaking	Hygiene and Physical Training Public Speaking

## EXHIBIT OF DIVISIONS AND GROUPS

Odd numbers refer to the first semester, even numbers to the second semester. Year-courses have their two semester numerals joined by a hyphen.

DIVISIONS	MAJOR GROUPS	FRESHMAN COURSES	SOPHOMORE COURSES	JUNIOR GROUPS	SENIOR ELECTIVES
I	GREEK	{ Greek 1-2	Greek 3-4	a. Greek 5-6 b. Latin 3-4 c. Greek 11- History 12	Greek 7 Greek 8 Greek 9 Greek 10 Latin 5-6 Latin 7 Latin 8
	LATIN	{ Latin 1-2	Latin 3-4	a. Latin 5-6 b. Greek 3-4 (German* for non-Greek men) c. Greek 11- History 12	Greek 5-6 Greek 7 Greek 8 Greek 9 Greek 10 Latin 7 Latin 8
	FRENCH	{ French*	French*	a. French* b. Italian 1-2 c. History 1-2 (History 5-6)	French* Italian 3-4 Spanish 1-2
	GERMAN	{ German*	German*	a. German* b. Literature 9-10 c. History 1-2 (History 5-6)	German* German*

\* The modern language courses of Freshman year in the French and German groups will be determined by the admission record of the student. The modern language courses after Freshman year will follow in sequence. See announcements of the departments of German and Romance Languages.

II	ENGLISH	Rhetoric 1-2	Literature 1- Rhetoric 4	a. Literature 3-4 b. Literature 5-6 c. Rhetoric 5-6	Literature 7 Literature 8 Literature 9-10 Literature 11	Literature 12 Literature 13 Rhetoric 7
			History 1-2	a. History 3-4 b. Economics 1-2 c. Government 1-2	History 5-6 History 7 History 8 History 10 Greek 11- History 12	Economics 3 Economics 4 Economics 5 Economics 6 Government 3 Government 4 Government 5 Government 6 Government 7 Government 8
				a. Philosophy 1-2 b. Religion 1-2 c. Chemistry 1- Biology 2 (Biology 3-4)	Philosophy 3 Philosophy 4 Philosophy 5 Philosophy 6	Philosophy 7 Philosophy 8 Religion 3-4 Religion 5 Religion 6
		ART NOT PARTS OF MAJOR GROUPS	History 1-2 Literature 1-Rhetoric 4	Art 1-2 Oratory 1-2	Art 3	Art 4
III	MATHEMATICS	Mathematics 1-2	Mathematics 3-4	a. Mathematics 5-6 b. Mathematics 7-8 c. Physics 1-2	Mathematics 9 Mathematics 10 Physics 3-4	Physics 5-6 Physics 7 Physics 8
	PHYSICS		Physics 1-2	a. Physics 3-4 b. Mathematics 3-4 c. Chemistry 1-2	Physics 5-6 Physics 7 Physics 8 Mathematics 5-6 Mathematics 7-8	Chemistry 3-4 Chemistry 5 Chemistry 6 Chemistry 7 Chemistry 8
	CHEMISTRY		Chemistry 1-Chemistry 2	a. Chemistry 3-4 b. Physics 1-2 c. Geology 1-2	Chemistry 5 Chemistry 6 Chemistry 7 Chemistry 8	Physics 3-4 Geology 3 Geology 4
	BIOLOGY		Chemistry 1-Biology 2	a. Biology 3-4 b. Biology 5-6 c. Geology 1-2	Biology 7-8 Physiology 1 Physiology 2	Geology 3 Geology 4
	SPECIAL SUBJECT NOT PART OF MAJOR GROUPS	Astronomy	Physics 1-2	Astronomy 1-2	Astronomy 3	Astronomy 4

# COURSES OF INSTRUCTION

## DIVISION I

### GREEK

Professor HOWES, Assistant Professor CLARK, Assistant Professor DICKERMAN, Assistant Professor GALBRAITH, and Mr. DAME.

\*GREEK 1-2. *Selections from Herodotus.* Attention is given to a review of Greek forms and syntax, with reference to Goodwin's *Greek Grammar*.

*Lysias.* Special attention is given to the political and social allusions which abound in the orations of Lysias.

*Homer.* Books V, VI, VII, and VIII of the *Odyssey*. Some of the principal Homeric questions are discussed. The instructor gives to the class several readings from portions of the poem not prescribed for the daily work.

Required course for Freshmen in Admission Group I.

Four hours a week through the year.

Assistant Professors DICKERMAN and GALBRAITH.

GREEK 3-4. *Plato, Xenophon, Greek Testament, and Greek Drama.*

*Greek 3. Plato and Xenophon.* Plato's *Apology* and *Crito* and selections from Xenophon's *Memorabilia* are read by the class. There is some discussion of the earlier Greek philosophy and of the philosophy of Plato.

*New Testament Greek.* The gospel of *Mark* and parts of the other gospels.

The first semester.

Assistant Professor DICKERMAN.

*Greek 4. Greek Drama.* *Aristophanes, Sophocles, and Euripides.*

The first part of the work in the drama is devoted to Greek comedy and the reading of the *Clouds* of Aristophanes, together

\*For convenience, the first semester of *Greek 1-2* may be called *Greek 1*, the second semester, *Greek 2*, etc. But, in all such cases, the work of the two semesters together constitutes an integral, indivisible year-course.



with selections from the *Birds* and the *Frogs*. Later the *Medea* and the *Cyclops* of Euripides and the *Antigone* of Sophocles are read by the class, chiefly from the literary point of view. Attention is given to the influence of the Greek drama on later literature and to comparisons with the modern stage.

The second semester.

Assistant Professor GALBRAITH.

Sophomore elective course; prerequisite, *Greek 1-2*.

Four hours a week through the year.

GREEK 5-6. *Demosthenes, Homer, and Lyric Poetry.*

*Greek 5. Demosthenes.* It is planned to read the following orations of Demosthenes:—*Philippics*, I, II, III, *On the Peace*, *On the Chersonese*, and as much of the oration *On the Crown* as circumstances permit. The literary and historical aspects of the orations are studied with some care.

The first semester.

Assistant Professor GALBRAITH.

*Greek 6. Homer and the Lyric Poets.* Considerable portions of the *Iliad* are read, the aim being to gain an acquaintance with the poem as a whole. The development of Greek poetry up to the fifth century is traced in a study of the more important *lyric fragments*.

The second semester.

Assistant Professor DICKERMAN.

Junior elective course; prerequisite, *Greek 3-4*.

Three hours a week through the year.

GREEK 7. *Thucydides and Plato.* The account of the Sicilian expedition in Books VI and VII of Thucydides is read, together with some other portions of his history. Some of the minor dialogues of Plato are read.

Senior elective course; prerequisite, *Greek 5-6*.

Three hours a week during the first semester.

Mr. DAME.

GREEK 8. *Aeschylus and Sophocles.* The *Prometheus* of Aeschylus and the *Oedipus Rex* of Sophocles are read in class. The reading of an additional play is required of each student.

*Private Life of the Romans.* One exercise a week is devoted to the study of Roman life and customs, with illustrations by means of lantern slides and other material.

The first semester.

Professor WILD.

*Latin 4. Tacitus and Horace.* The reading work of the second semester is divided between the works of Tacitus and the *Odes* of Horace. The reading in Tacitus includes the *Agricola*, the first twenty-seven chapters of the *Germania*, and selections from the *Annals*. There is collateral reading in the history of the Empire. If possible, several of Horace's *Satires* are read during this part of the course.

In connection with the *Odes* of Horace some attention is paid to the English lyric, involving the preparation of careful translations from the Latin and a comparison of the better known English versions. The student is encouraged to commit to memory some of the famous passages.

The second semester.

Professor HOWES and Assistant Professor GALBRAITH.

Sophomore elective course; prerequisite, *Latin 1-2*.

Four hours a week through the year.

*LATIN 5-6. Vergil, Catullus, and Rapid Reading.*

*Latin 5. Vergil.* The object of this part of the course is to give the student a thorough knowledge and a high appreciation of the works of Vergil. To this end the *Eclogues* and the first six books of the *Aeneid* are rapidly reviewed, while a series of lectures is being given on the life and times of Vergil, his motives, sources, art, and influence on the later literature, as well as on his so-called minor poems included in the *Appendix Vergiliana* and on the mediæval conception of Vergil.

About two-thirds of the semester is devoted to reading the *Georgics* and the last six books of the *Aeneid*. The technical parts of the *Georgics* are entirely omitted, only the poetical episodes being read. The last six books of the *Aeneid* are read, partly by the entire class in regular assignments, and partly by individual assignments and reading at sight.

Early in the course a large number of topics for original investigation and criticism in connection with the student's daily reading

are suggested. Every man is expected to select one of these topics and prepare a paper to be read before the class.

There is considerable reading at sight, chiefly in prose authors.

The first semester.

Professor WETMORE.

*Latin 6. Catullus and Rapid Reading of Prose Authors.* The greater part of Catullus is read. Passages from any source tending to throw light on the interpretation of the poet are read at sight.

About half of the work consists of the rapid reading of prose authors, including Sallust, Pliny the Younger, and Suetonius. The aim is to cultivate an appreciation of Latin literature and facility in grasping the thought immediately through the language.

The second semester.

Professor WETMORE and Mr. DAME.

Junior elective course; prerequisite, *Latin 3-4*.

Three hours a week through the year.

*LATIN 7. Roman Satire.\** In this course the Satira as a distinctively Roman product is treated in such a way as to show its rise and development. The *Satires* of Horace and Juvenal comprise the main subjects for reading. The parts played in the history of Roman Satire by Ennius, Lucilius, and Varro are illustrated by the fragments of their works. Many of the *Epigrams* of Martial are read at sight.

Senior elective course; prerequisite, *Latin 5-6*.

Three hours a week during the first semester.

Professor WILD.

*LATIN 8. A Brief Survey of Latin Literature.\** It is the aim of this course to give a general survey of Latin literature from the earliest period down to the third or fourth century A. D. The plan involves (1) a reading of selected portions of the most important authors, especially those not included in the other courses, and (2) informal lectures upon the rise and development of the various forms of literature, with such notice of the authors and their works as shall help to assign them their place in literature.

Senior elective course; prerequisite, *Latin 5-6*.

Three hours a week during the second semester.

Professor HOWES.

\* In 1913-14, the subjects of *Latin 7* and *Latin 8* are interchanged.

**LATIN COMPOSITION.** To those who intend to become teachers of Latin there is open in connection with *Latin 7* and *Latin 8* an additional course of one hour a week in advanced Latin composition.

Professor WILD.

[**LATIN 20.** *The Letters of Cicero and of Pliny.* This is mainly a literary course in which the most interesting and important letters of the two authors are read. There is constant work at sight and reading of Latin without translation. It is also the aim of the course to give the student a clear idea of Cicero and of Pliny as men and of their relations to their times.

Limited Freshman course, open to those who have credit in *Mathematics D* and *F*.

Three hours a week during the second semester.

Omitted in 1913-1914.

Professor WETMORE.]

For *Roman History*, see *History 12*.

## ROMANCE LANGUAGES

Professor TAYLOR, Assistant Professor RICE, Mr. A. L. CRU,  
Dr. BARTON, and Mr. J. N. CRU.

### FRENCH

**FRENCH 1-2.** *Elementary French.* This course includes the study of grammar and composition, and the reading of modern French. The class is arranged in small divisions so that each student may receive individual attention and adequate training in pronunciation and the use of conversational French. Special attention is given to dictation.

Optional with *German 1-2* for Freshmen in Admission Group I who enter without a modern language. Required of students in Admission Groups III and V who do not offer *French A* for admission.

Three hours a week through the year.

Assistant Professor RICE, Dr. BARTON, and Mr. J. N. CRU.

**FRENCH 3-4.** *Intermediate French.* This course continues all the work of *French 1-2*. Standard authors are read and the use of the spoken language is increased.

Prerequisite, *French 1-2* or *Admission French A*.

Three hours a week through the year.

Professor TAYLOR, Mr. A. L. CRU, and Dr. BARTON.

**FRENCH 5-6. *Advanced French.*** In the first semester standard prose will be read. In the second semester the reading will be so directed as to form a basis for the study of the Romantic movement in France. Throughout the year composition, dictation, and practice in spoken French. This course is open to those who have completed *French 3-4*, and is required of Freshmen entering in Admission Group II.

Prerequisite, *French 3-4* or *Admission French B*.

Four hours a week through the year.

Professor TAYLOR, Mr. A. L. CRU, Dr. BARTON,  
and Mr. J. N. CRU.

**FRENCH 7-8. *The French Drama.*** A study of the French Drama from Corneille to the contemporary period, with special emphasis upon the works of the nineteenth century. The course includes reading, lectures, composition, and oral practice. The course is conducted in French.

Prerequisite, *French 5-6*.

Four hours a week through the year.

Mr. A. L. CRU.

**FRENCH 9-10. *The French Novel.*** A study of the French novel in the nineteenth century preceded by a short survey of the early development of fiction and the history of its evolution during the seventeenth and eighteenth centuries. The course is conducted in French. Outside reading is assigned.

Prerequisite, *French 7-8*.

Three hours a week through the year.

Mr. J. N. CRU.

**[FRENCH 11-12. *French Literature* of the age of Louis XIV.** The course begins with the Renaissance and shows the development of classicism. Lectures in French upon the period. The course is a study of the culture of the age of Louis XIV and the social conditions as expressed in its literature. Outside reading is assigned.

Prerequisite, *French 9-10*.

Three hours a week through the year. Further conference hours may be arranged with the class.

Omitted 1913-1914.

## ITALIAN

ITALIAN 1-2. *Elementary grammar and reading* of classical and modern Italian. This course includes a practical training in Italian grammar and composition, and the reading of standard works of literature.

Junior elective course; prerequisite, *French 3-4*.

Three hours a week through the year.

Assistant Professor RICE.

ITALIAN 3-4. This course continues the work of Italian 1-2. Different typical forms of Italian literature are read and discussed, with emphasis on the modern period. Practice will be given in conversation and in composition.

Senior elective course; prerequisite, *Italian 1-2*.

Three hours a week through the year.

Assistant Professor RICE.

## SPANISH

SPANISH 1-2. *Elementary grammar and reading* of classical and modern Spanish. This course includes a practical training in Spanish grammar and composition, and the reading of standard works of literature.

Senior elective course; prerequisite, *French 5-6* or *Italian 1-2*.

Three hours a week through the year.

Assistant Professor RICE and Dr. BARTON.

## GERMAN

Professor WAHL, Assistant Professor JOHNSON, Mr. HEWITT, Mr. HILDRETH, and Mr. BANGS.

GERMAN 1-2. *Elementary German*. This is a course in grammar, composition, and the reading of narrative prose and some lyrics, also memorizing of poetry. Oral use of the language is introduced gradually, and special attention is paid to pronunciation in the small sections into which the class is divided.

Optional with *French 1-2* for Freshmen in Admission Group I who enter without a modern language. Required of students in Admission Groups II and IV who do not offer *German A* for entrance, and elective for all others.

Three hours a week through the year.

Mr. HEWITT, Mr. HILDRETH, and Mr. BANGS.

**GERMAN 3-4. *Intermediate German.*** This course is intended to give the student a fair reading knowledge of the language. Modern novels are read during the first semester, and Schiller's *Wilhelm Tell* and Lessing's *Minna von Barnhelm* during the second semester. Thomas' Grammar is used for reference, and the work in composition is continued.

Prerequisite, *German 1-2* or *Admission German A*.

Three hours a week through the year.

Assistant Professor JOHNSON, Mr. HEWITT, Mr. HILDRETH,  
and Mr. BANGS.

**GERMAN 5-6. *Advanced German.*** This course is devoted to the reading and interpretation of Schiller's *Wallenstein* and selections from his *Gedichte*, *Geschichte des Dreissigjährigen Krieges*, *Abfall der Niederlande*; also Goethe's *Egmont* and Lessing's *Emilia Galotti*. It is conducted as far as practicable in German, and includes composition, dictation, and lectures.

Prerequisite, *German 3-4* or *Admission German B*; students admitted with *German BC\** take *German 6* only.

Four hours a week through the year.

Professor WAHL, Mr. HEWITT, Mr. HILDRETH, and Mr. BANGS.

**GERMAN 7-8. *Nineteenth Century Literature.*** In this course representative dramas and novels of the nineteenth century are read and discussed. It deals with a study of the various literary movements of the period and with such authors as Hoffmann, Kleist, Koerner, Grillparzer, Hauff, Hebbel, Ludwig, Keller, Wildenbruch, Hauptmann, and Sudermann. It is conducted almost entirely in German and includes also composition, collateral reading, and lectures.

Prerequisite, *German 5-6*.

Four hours a week through the year.

Assistant Professor JOHNSON.

**GERMAN 9-10. *Faust.*** This course is devoted to the study of Goethe's *Faust* (Parts I and II). It includes collateral reading of other works of the poet, together with a study of his life and character, also lectures in German.

Prerequisite, *German 7-8*.

Three hours a week through the year.

Professor WAHL.

\* See requirements of College Entrance Examination Board.

**GERMAN 11-12. *Luther to Classic Period.*** The study of German civilization and culture during the first centuries of modern German history is pursued in this course by reading selections from the literature of this time, also some of Freytag's historical novels and essays as well as other literature illustrative of German life during this epoch. The course is conducted in German and includes lectures in German.

Prerequisite, *German 9-10.*

Three hours a week through the year.

Professor WAHL.

**GERMAN 13-14. *Specialized Reading.*** This course deals, during the first semester, with Bismarck's speeches and correspondence as the basis for a study of his life, character, and political career; also with the reading of essays on the constitution and economic life of the new German Empire he created. During the second semester other authoritative German sources dealing with subjects in which the members of the course desire to specialize, are read and discussed. The course is conducted in German, includes lectures in German, and may serve as preparation for graduate work.

Prerequisite, *German 9-10.*

Three hours a week through the year.

Professor WAHL.



## DIVISION II

## ENGLISH

Professor MAXCY, Professor PERRY, Assistant Professor REES,  
Assistant Professor ALLEN, and Dr. DUTTON.

## RHETORIC

RHETORIC 1-2. *Rhetoric and Composition.* The work of the year is devoted mainly to the essentials of Good Use. The text-book is supplemented by theme-writing on assigned topics, and all written exercises receive extended criticism. A considerable amount of outside reading is also required as the basis of written work in class.

Freshman required course.

Two hours a week through the year.

Professor MAXCY, Assistant Professor ALLEN, and  
Dr. DUTTON.

RHETORIC 4. *Narrative Composition.* In this course the elements of narration are discussed in turn: setting, character, plot, and the various forms of narrative composition,—paragraph items, the short story, biography, history, etc. In connection with these topics the class studies a number of literary masterpieces. During the past year Carter's *Life of Mark Hopkins*, Thackeray's *Newcomes*, and about fifty specimens of the short story were among the selections assigned. The class is also required to present original exercises in narrative composition: at least two short stories of the length usually found in magazines, and many briefer exercises such as character sketches, biographic summaries, studies in setting, character, etc.

Four hours a week during the second semester.

*Rhetoric 4* constitutes the second half of the Sophomore year course, *Literature 1-Rhetoric 4*. See *Literature 1*.

Professor MAXCY, Assistant Professor ALLEN, and  
Dr. DUTTON.

RHETORIC 5-6. *Argumentation.* This course is devoted to the study of argumentative composition; its purpose is to train the student in logical and systematic methods of thought.

The main divisions of the course are: (a) correct phrasing of propositions suitable for discussion; (b) the analysis of propositions; (c) the study of evidence; (d) inductive and deductive methods; (e) generalization and analysis; (f) causal relations; (g) fallacies; (h) methods of refutation; (i) construction of briefs; (j) rhetorical qualities of the forensic; (k) persuasion.

In connection with the study of argumentative theory, each student is trained in the practice of argumentative composition by the writing of briefs, forensics, and various argumentative themes and exercises. As in *Rhetoric* 1-2, the work of each student is subjected to extended criticism.

The text-book is Foster's *Argumentation and Debating*, and this is supplemented by various argumentative masterpieces.

Junior elective course; prerequisite, *Literature* 1-*Rhetoric* 4.

Three hours a week through the year.

Professor MAXCY.

RHETORIC 7. *Criticism*. This course is devoted to the study of critical composition. It includes in general the matter discussed in Winchester's *Principles of Literary Criticism*. The discussions are supplemented by extensive readings in the literature of criticism and by essays on critical topics chosen in connection with the readings.

Senior elective course; prerequisite, *Literature* 3-4 and either *Literature* 5-6 or *Rhetoric* 5-6.

Three hours a week during the first semester.

Assistant Professor ALLEN.

RHETORIC 20. *The Essay*. The class reads a large number of essays and makes a special study of some one representative essay writer. Each student writes fortnightly essays.

Limited Freshman course, open to those who have credit in *Mathematics* D and F.

Three hours a week during the second semester.

Assistant Professor ALLEN.

## LITERATURE

LITERATURE 1-RHETORIC 4. *Literature* 1 and *Rhetoric* 4 constitute a Sophomore year course. See *Rhetoric* 4.

*Literature* 1. *General English Literature*. This course is two-fold, embracing not only an historical survey of English literature

from the earliest times to the end of the nineteenth century, but also a considerable amount of outside reading, so arranged as to accompany the text-book and lectures. Frequent examinations are held. A thesis on some subject chosen by the student in consultation with the instructor is required. The work is arranged with a view to laying a broad foundation for the more advanced courses in English literature.

Four hours a week during the first semester.

Assistant Professor REES and Dr. DUTTON.

LITERATURE 3-4. *The Elizabethan Drama*. This course deals with the English drama from the Miracle Plays to the closing of the theatres. A critical and appreciative study of Shakespeare's plays with particular emphasis upon Shakespeare as a dramatic artist. *Shakespeare and his Predecessors* by Boas is used as a general text-book.

Junior elective course; prerequisite, *Literature 1-Rhetoric 4*.

Three hours a week through the year.

Professor PERRY.

LITERATURE 5-6. *Eighteenth Century English Literature and Nineteenth Century English Prose*.

*Literature 5. Eighteenth Century English Literature*. Lectures are given on the history and interpretation of the literature of the period. Extensive reading, with a view to first-hand knowledge of the thought and temper of the chief authors, is required.

The first semester.

Assistant Professor REES.

*Literature 6. English Prose Writers of the Nineteenth Century*. A course in which the principal prose writers of the period are studied. Lectures are given and a large amount of outside reading is assigned. Among the authors studied are Scott, DeQuincy, Macaulay, Hazlitt, Carlyle, Thackeray, Matthew Arnold, Newman, Pater, Ruskin, George Meredith, Stevenson, and Kipling. *Saintsbury's History of English Literature* (nineteenth century) is used as a text-book.

The second semester.

Professor PERRY.

Junior elective course; prerequisite, *Literature 1-Rhetoric 4*.

Three hours a week through the year.

THE AMERICAN LANGUAGE

... a study of American  
... the first part of the course  
... Vennel and  
... a

... the second part of the course

... the third part of the course  
... the fourth part of the course  
... the fifth part of the course

... the sixth part of the course  
... the seventh part of the course  
... the eighth part of the course  
... the ninth part of the course  
... the tenth part of the course

... the eleventh part of the course  
... the twelfth part of the course  
... the thirteenth part of the course  
... the fourteenth part of the course  
... the fifteenth part of the course

LITERATURE 11. *The English Drama from 1642 to the present time.* Preliminary lectures are given upon the structure of the drama. The course includes the reading of representative plays from Congreve to Jones and Pinero.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the first semester.

Professor PERRY.

LITERATURE 12. *The English Bible.* In this course the King James version is read carefully and examinations are held on the assignments. Lectures are given on the history, the literary quality, and the influence of the Bible. A study is made of seventeenth century authors affected by the biblical literature, such as Milton, Herbert, and Dryden.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the second semester.

Assistant Professor REES.

LITERATURE 13. *The English Novel.* This course includes a consideration of the history and development of English prose fiction from the earliest times to the present day. The course is supplemented by extensive readings in the authors under discussion. The ground covered is, in general, that of Saintsbury's *The English Novel*.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the first semester.

Professor MAXCY.

## HISTORY

Professor GOODRICH, Professor SMITH, Assistant Professor CLARK, and Mr. BUFFINTON.

HISTORY 1-2. *General European History (375-1740).* The work of the first semester covers the field of general European history from the Barbarian Invasions to the Renaissance. That of the second semester comprises the period from the Reformation to the eve of the French Revolution.

The methods comprise a text-book, lectures, collateral reading and frequent written tests. Particular attention is given to the method of study and the use of materials by the student.

**LITERATURE 7. *American Literature.*** A study of American literature, both prose and poetry. The first part of the course consists of lectures on the early colonial writers. Wendell and Greenough's *American Literature* is used as a text-book and a considerable amount of outside reading is required.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the first semester.

Professor PERRY.

**LITERATURE 8. *Nineteenth Century English Poetry.*** This course consists of lectures, biographical and critical, together with assigned readings. It includes a study of Wordsworth, Coleridge, Byron, Shelley, Keats, Browning, Tennyson, and other poets of the period.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the second semester.

Assistant Professor REES.

**LITERATURE 9-10. *Old English and Middle English.***

**Literature 9. *Old English.*** This course includes both an historical survey of the literature from the seventh century to Chaucer and an elementary study of Old English. Selections from representative works are read in the original. Considerable attention is devoted to the linguistic principles involved in the development of English. Smith's *Old English Grammar* and Bright's *Anglo-Saxon Reader* are used as texts.

The first semester.

**Literature 10. *Middle English.*** This course includes careful reading of all of Chaucer's important works, particularly the *Canterbury Tales* and *Troilus and Criseyde*, and of selections from Gower, Langland, and the Metrical Romances. Attention is paid to the social and political conditions of the fourteenth century.

The second semester.

Senior elective course; prerequisite, *German 3-4* and either *\*Literature 3-4* or *\*Literature 5-6*.

Three hours a week through the year.

Assistant Professor REES.

\* Omitted for students majoring in German.

LITERATURE 11. *The English Drama from 1642 to the present time.* Preliminary lectures are given upon the structure of the drama. The course includes the reading of representative plays from Congreve to Jones and Pinero.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the first semester.

Professor PERRY.

LITERATURE 12. *The English Bible.* In this course the King James version is read carefully and examinations are held on the assignments. Lectures are given on the history, the literary quality, and the influence of the Bible. A study is made of seventeenth century authors affected by the biblical literature, such as Milton, Herbert, and Dryden.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the second semester.

Assistant Professor REES.

LITERATURE 13. *The English Novel.* This course includes a consideration of the history and development of English prose fiction from the earliest times to the present day. The course is supplemented by extensive readings in the authors under discussion. The ground covered is, in general, that of Saintsbury's *The English Novel*.

Senior elective course; prerequisite, *Literature 3-4* or *Literature 5-6*.

Three hours a week during the first semester.

Professor MAXCY.

## HISTORY

Professor GOODRICH, Professor SMITH, Assistant Professor CLARK, and Mr. BUFFINTON.

HISTORY 1-2. *General European History (375-1740).* The work of the first semester covers the field of general European history from the Barbarian Invasions to the Renaissance. That of the second semester comprises the period from the Reformation to the eve of the French Revolution.

The methods comprise a text-book, lectures, collateral reading and frequent written tests. Particular attention is given to the method of study and the use of materials by the student.

This course is the fundamental one in the department, being the prerequisite for all other courses in History, and also for those in Art and Government. Although open to members of the upper classes, it is intended primarily for Sophomores and it is desirable that it be taken in the Sophomore year.

Four hours a week through the year.

Professor GOODRICH and Mr. BUFFINTON.

HISTORY 3-4. *The History of the United States (1606-1865)*. This course deals with the formation of the United States, tracing in the first semester the establishment of English colonies and the transfer of English political institutions, the divergence between the colonies and the mother country leading to the American Revolution, the creation of a federal government, and the establishment of an independent federal policy; and studying in the second semester the rise of Northern and Southern sectional antagonism, culminating in the Civil War and the triumph of the union. The methods comprise a text-book, lectures, parallel reading, reports on assigned topics, and written tests.

Junior elective course; prerequisite, *History 1-2*.

Three hours a week through the year.

Professor SMITH.

HISTORY 5-6. *European History—Era of Revolution and Reconstruction (1740-1871)*. The work of the first semester begins with the accession of Frederick the Great (1740) and concludes with the fall of the Napoleonic Empire (1814). After a rapid survey of Europe in the age of Frederick, the main part of the semester is devoted to the study of the period of the French Revolution and the Napoleonic Empire. The course of the movement, its causes, and results, are studied in relation to all the principal states of Europe.

The work of the second semester begins with the reconstruction of Europe after the fall of Napoleon. First the period of reaction and that of the national revolutions of 1848 are studied. Special attention is then given to the constructive movements in Italy, Austria-Hungary, and Germany, concluding with the Franco-German War and the founding of the German Empire.

Junior elective course; prerequisite, *History 1-2*.

Three hours a week through the year.

Professor GOODRICH.



HISTORY 7. *The United States since the Civil War (1865-1912)*. This course continues the history of the United States from the close of the Civil War to the election of 1912, covering the Reconstruction period, the reorganization of parties, the rise of the currency and tariff contests, the expansion episode, and the return to internal political questions.

Senior elective course; prerequisite, *History 3-4*.

Three hours a week during the first semester.

Professor SMITH.

HISTORY 8. *Recent European History (1871-1912)*. This course is a continuation of *History 5-6* and is a study of the political development of all the European states from the Franco-German War to the present time. Special attention is given to the constitutional developments in France, Germany, Austria-Hungary, Russia, Turkey, and the Balkan states, concluding with a study of the colonial expansion and the international relations of European states down to the present time.

Senior elective course; prerequisite, *History 5-6*.

Three hours a week during the second semester.

Professor GOODRICH.

HISTORY 10. *Modern England and the British Colonial Empire (1783-1910)*. This course comprises a survey of the rise of parliamentary government in England and the growth of the existing British colonial empire, from the reign of George III to the present day.

Senior elective course; prerequisite, *History 3-4* or *History 5-6*.

Three hours a week during the second semester.

Professor SMITH.

HISTORY 12. *Roman History during the Revolution and the Empire*. The economic, social, political, and military history of the Roman world from the age of the Gracchi to that of Theodosius.

Reading, lectures, quizzes, and written work. Consultation of the Latin sources is encouraged but not required.

Special instruction is offered, if desired, to prospective teachers, or to any students wishing to attempt some original investigation; but the course aims primarily, while not neglecting great personalities, to survey for the general student of history or of the classics the Roman foundations of European civilization.

Senior elective course; prerequisite, *Greek 11*.

Three hours a week during the second semester.

*Greek 11* and *History 12* constitute a Senior year course. See *Greek 11*.

Assistant Professor CLARK.

## ECONOMICS

Professor DROPPERS and Assistant Professor CLARK.

**ECONOMICS 1-2. *Introductory Economics*.** This course is a study of the leading principles of economic science with some applications to modern industrial conditions. Study of a text-book and of assigned collateral reading is the basis of the work. Discussion of this matter in class is supplemented by occasional lectures and by written tests.

Junior elective course.

Three hours a week through the year.

Professor DROPPERS and Assistant Professor CLARK.

**ECONOMICS 3. *Economic History*.** A study of the gradual development of the modern industrial world from the middle of the 18th to the end of the 19th century. It comprises the great inventions in textile and iron industries, the applications of steam, railways, steamships, cotton culture, the factory system, banking, and the rise of the modern industrial nations.

Assignments of reading on special topics.

Senior elective course; prerequisite, *Economics 1-2*, *Government 1-2*, or *History 3-4*.

Three hours a week during the first semester.

Professor DROPPERS.

**ECONOMICS 4. *Corporations*.** A study of modern combinations of industry. Historical development of modern industrials in the United States from the pool to the trust and holding company. Forms of corporation securities. Economic and social effects of great combinations. Legislation in the United States and other countries, and important legal decisions. State and federal control.

Senior elective course; prerequisite, *Economics 1-2*.

Three hours a week during the second semester.

Professor DROPPERS and Assistant Professor CLARK.

**ECONOMICS 5. *Money and Banking*.** A survey of the principles of money and credit especially in their relation to banking systems. Dunbar's *History and Theory of Banking* and White's *Money and Banking* are used.

Senior elective course; prerequisite, *Economics* 1-2.

Three hours a week during the first semester.

Professor DROPPERS and Assistant Professor CLARK.

**ECONOMICS 6. *Public Finance.*** A study of the theories and methods of taxation and financial administration. Bullock's *Selected Readings in Public Finance* is used as a text-book.

Senior elective course; prerequisite, *Economics* 1-2.

Three hours a week during the second semester.

Professor DROPPERS and Assistant Professor CLARK.

## GOVERNMENT AND POLITICAL SCIENCE

President GARFIELD, Professor SMITH, Assistant Professor DOUGHTY, and Mr. SAYRE.

**GOVERNMENT 1-2. *The Constitution and Government of the United States.*** This course comprises a study of the United States constitution both in its principles and structure and in its actual operation. The first semester, *Government* 1, consists of an examination of the theories and principles of government upon which is based the constitution, as those theories and principles are presented in *The Federalist*, which work is used as a text-book in this course. The second semester, *Government* 2, is an elementary course in Constitutional Law based upon Hall's *Constitutional Law* as a text in connection with McClain's *Cases in Constitutional Law*. The methods of instruction consist of lectures and oral and written recitations.

Junior elective course; prerequisite, *History* 1-2.

Three hours a week through the year.

Assistant Professor DOUGHTY.

**GOVERNMENT 3. *Municipal Government.*** A study of the structure and functions of city government in Europe and the United States. Discussions and weekly tests based upon assigned reading and lectures. (Reading, 1913-1914, Munro's *Government of European Cities* and Munro's *Government of American Cities*.) In addition to the study of the general subject, the government of a particular city is assigned to each student for special examination. Method, individual conferences and a written report.

Senior elective course; prerequisite, *Government* 1-2.

Three hours a week during the first semester.

President GARFIELD.

**GOVERNMENT 4. *Jurisprudence.*** This course is a study of the theory and development of law, its sources, and subject matter. The work consists of oral and written recitations, and lectures. Holland's *Elements of Jurisprudence* and Maine's *Ancient Law* are used as text-books.

Senior elective course; prerequisite, *Government 1-2*.

Three hours a week during the second semester.

Assistant Professor DOUGHTY.

**GOVERNMENT 5. *History of the Common Law of England (a).*** This course is a study in outline of the Common Law as a system: its sources, subject matter, and principles. The work consists of recitations, oral and written, and lectures. Kerr's edition of *Blackstone* is used as a text-book.

Senior elective course; prerequisite, *Government 1-2*.

Three hours a week during the first semester.

Assistant Professor DOUGHTY.

**GOVERNMENT 6. *History of the Common Law of England (b).*** This course consists of a study of the processes of reasoning involved in the application of the general principles of the system, and the rules of any particular branch, to specific sets of facts. The work consists of lectures, classroom discussions, and written exercises. There are assignments of reading on special topics.

Senior elective course; prerequisite, *Government 5*.

Three hours a week during the second semester.

Assistant Professor DOUGHTY.

**GOVERNMENT 7. *Comparative Modern Government.*** This course is devoted to a study of the governments of England and other leading European countries with a view to bringing out the principles of modern government and constitutional law. It is based on Ogg's *Governments of Europe* and Lowell's *Government of England* and *Government and Politics in Continental Europe*, and is conducted by means of discussions, lectures, and the presentation of reports individually assigned to members of the class.

Senior elective course; prerequisite, *Government 1-2*.

Three hours a week during the first semester.

Professor SMITH.

**GOVERNMENT 8. *Problems of American Government.*** This course studies the practical working of the United States Federal

government with particular reference to the difficulties and shortcomings complained of in current criticism and the proposed remedies of a governmental character. Beard's *Government and Politics* is used as the basis for work, and there is a considerable amount of assigned reading, as well as a special report involving investigation of some disputed point.

Senior elective course; prerequisite, *Government 1-2* and any one of the following courses, *Government 3*, *Government 7*, *History 7*, or *Economics 5*.

Three hours a week during the second semester.

Professor SMITH.

### PHILOSOPHY

Professor RUSSELL and Professor PRATT.†

PHILOSOPHY 1-2. *Elementary Psychology and Philosophy*. The first semester will be devoted to an introductory course in psychology, the aim of which will be to comprehend the essential facts of the mental life. Dunlap's *Psychology* will be used and there will be supplementary lectures upon the more important phenomena of abnormal psychology. In the second semester the chief problems of philosophy will be considered by means of short papers, discussions, and a text-book. The aim of the course will be to train the student in accurate thinking and to enable him to come to intelligent conclusions on the problems of philosophy for himself.

Junior elective course.

Three hours a week through the year.

Professor RUSSELL.

PHILOSOPHY 3. *Ethics*. The attempt is made to discover the meaning and basis of duty by discussions, original papers, and reports. Wright's *Self Realization* will be used as a basis of this course.

Senior elective course; prerequisite, *Philosophy 1-2*.

Three hours a week during the first semester.

Professor RUSSELL.

PHILOSOPHY 4. *An Advanced Course in Ethics*. The aim of this course is to study the application of ethical principles and ideals to present-day problems in social and industrial organizations.

Senior elective course; prerequisite, *Philosophy 3*.

Three hours a week during the second semester.

Professor RUSSELL.

† Absent on leave, 1913-1914.

[PHILOSOPHY 5. *Advanced Psychology*. After a study of McDougal's *Social Psychology*, various psychological aspects of society will be taken up in lectures and by reports from members of the class.

Senior elective course; prerequisite, *Philosophy 1-2*.

Three hours a week during the first semester.

Omitted in 1913-1914.

Professor PRATT.]

[PHILOSOPHY 6. A course in the Philosophy of William James and of Henri Bergson. In this course the students read a large part of the writings of these philosophers in connection with the critical expositions which form the content of the lectures given.

Senior elective course; prerequisite, *Philosophy 1-2*.

Three hours a week during the second semester.

Omitted in 1913-1914.

Professor RUSSELL.]

PHILOSOPHY 7. *History of Greek Philosophy*. Cushman's *A Beginner's History of Philosophy* will be used as a text-book and there will be special studies, reports, and discussions.

Senior elective course; prerequisite, *Philosophy 1-2*.

Three hours a week during the first semester.

Professor RUSSELL.

PHILOSOPHY 8. *History of Modern Philosophy*. This course carries on into modern philosophy the historical study begun by the student in the preceding course. It is based on a text-book supplemented by assigned reading from the leading modern philosophers, and lectures on the more difficult questions, with occasional papers and much informal discussion.

Senior elective course; prerequisite, *Philosophy 1-2*.

Three hours a week during the second semester.

Professor RUSSELL.

## RELIGION

Professor MORTON and Professor PRATT.†

RELIGION 1-2. *History of Religion*.

*Religion 1. History of Religion*. The more important ideas and institutions of the religion of primitive peoples are first considered, after which the religions of Egypt, India, Persia, Israel,

† Absent on leave, 1913-1914.

and Islam are taken up in some detail. The instruction is by lectures with short quizzes, required reading from the *Sacred Books*, and reports on them. In addition to this, each student chooses some topic for independent investigation and writes a thesis of some length on it.

The first semester.

Professor PRATT.†

Given in 1913-1914 by Professor MORTON.

*Religion 2. History of Christianity.* The course will cover the first eight centuries, during which the Christian religion developed its dominant characteristics and most generally accepted doctrines. Subsequent divisions and derivative forms will be given in brief outline.

The second semester.

Professor MORTON.

Junior elective course.

Three hours a week through the year.

*RELIGION 3-4. Medieval Religion and Philosophy.* Taylor's *Medieval Mind* is taken as the text-book, and Dante's works in English translation as illustrative material. The course includes a general survey of the philosophy of the Middle Ages. Lectures, discussions, and preparation of special topics by members of the class.

Senior elective course; prerequisite, *Religion 1-2* or *Philosophy 1-2*.

Three hours a week through the year.

Professor MORTON.

[*RELIGION 5. Philosophy of Religion.* The philosophy of religion attempts to "explain through nature and man" religious beliefs and practices and to estimate their worth in so far as our present knowledge will allow. With the help of comparative religion it tries to distinguish the essentials. In the course this includes a study of the fitness of Christianity to become the universal religion.

Senior elective course; prerequisite, *Religion 1-2*.

Three hours a week during the first semester.

To be given first in 1914-1915.

Professor MORTON.]

**RELIGION 6. *Philosophy of Theism.*** The reasons are given for believing in a reality corresponding to the theistic assumptions and aspirations of religion. Objections and anti-theistic theories are considered. Text-books, lectures, and discussions. Special topics are assigned for more extended study.

Senior elective course; prerequisite, *Religion 5* or *Philosophy 1-2*.

Three hours a week during the second semester.

Given in 1913-1914, as *Religion 5*, in the first semester.

Professor MORTON.

## HISTORY OF ART AND CIVILIZATION

Professor WESTON.

**ART 1-2. *History of Art from Antiquity through the Italian Renaissance.*** Beginning with the civilization of Egypt, the architecture, painting, and sculpture of Antiquity, the Middle Ages, and the Italian Renaissance are studied as the expression of the civilization and ideals of each period. In addition to the three regular exercises of the course, each student is required to attend a weekly conference hour with the instructor. Illustrative matter is furnished by lantern views, photographs, and charts. Lectures and weekly assignments of reading.

Junior elective course; prerequisite, *History 1-2*.

Three hours a week through the year.

Fee, \$6.00.

[**ART 3. *Art of the 17th and 18th Centuries.*** This course traces the influence of the Italian Renaissance in Western Europe and continues the history and development of architecture, painting, and sculpture in the seventeenth and eighteenth centuries.

Senior elective course; prerequisite, *Art 1-2*.

Three hours a week during the first semester.

Omitted in 1913-1914. ]

[**ART 4. *Art of the 19th Century.*** The aim of this course is to familiarize the student with each important school of art and to furnish a basis for independent judgment.

Senior elective course; prerequisite, *Art 1-2*.

Three hours a week during the second semester.

Omitted in 1913-1914. ]



**PUBLIC SPEAKING AND ORATORY**

Professor PERRY.

**PUBLIC SPEAKING.** This course aims (1) to emphasize some of the fundamental principles of oral expression and (2) to apply them to the delivery of the individual. The class is divided into small sections and extended drill is given each man. The choice of speakers for the prize contest in declamation is based on the work of the members of the class in reading and speaking.

Freshman required course.

[**ORATORY 1-2.** This course is intended to develop the delivery of the students. It includes (1) the practice of exercises for the development of the voice and body as expressive agents, and (2) practice in different forms of public speaking. The latter includes the rendering of original selections from memory, speaking from notes or outline, and impromptu speaking. The course will offer advanced work in both technique and delivery. The structure and style of the oration is considered, also its different forms. Each student writes at least three manuscripts of not less than eight hundred words each. Text-books are used.

Junior elective course, limited to thirty men; prerequisite, *Literature 1-Rhetoric 4.*

Three hours a week through the year.

Omitted 1913-1914.

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During 1913-1914 extended drill will be given in all cases to speakers who compete in prize contests, and to those who are to appear on the Commencement platform.

## DIVISION III

## MATHEMATICS

Professor FERRY, Professor HARDY, Assistant Professor SHEPARD,  
Mr. BOTSFORD, and Dr. AGARD.

**MATHEMATICS 1-2.** *Algebra, Solid Geometry, Plane Trigonometry, and Surveying.*

*Advanced Algebra.* Binomial theorem, logarithms, permutations, combinations, method of undetermined coefficients, determinants, theory of equations, etc. Hawkes' *Higher Algebra* is used as a text-book.

*Solid Geometry.* Books VI, VII, and VIII of Wentworth's *New Plane and Solid Geometry*, together with original propositions and numerical problems.

*Plane Trigonometry.* The trigonometric functions, trigonometric analysis, solutions of right and oblique triangles, etc. Robbins' *Trigonometry* is used as a text-book.

*Field Work in Surveying.* The practical use of instruments, including determination of heights, simple triangulation, measurement of areas, and leveling. This portion of the course is optional.

Freshman required course.

Four hours a week through the year.

Professor HARDY, Assistant Professor SHEPARD,  
Mr. BOTSFORD, and Dr. AGARD.

**MATHEMATICS 3-4.** *Analytic Geometry and Differential Calculus.*

*Mathematics 3. Analytic Geometry.* Plane analytic geometry,—the straight line, circle, parabola, ellipse, and hyperbola,—with an introduction to analytic geometry of three dimensions. Wentworth's *Analytic Geometry* is the text-book used.

The first semester.

Professor FERRY and Assistant Professor SHEPARD.

*Mathematics 4. Differential Calculus.* Methods of differentiation, expansion of functions into series, indeterminate forms, the simpler applications to mechanics and to the theory of plane curves, etc. Granville's *Calculus* is the text-book used.

The second semester.

Assistant Professor SHEPARD.

Sophomore elective course, required of Freshmen in Admission Groups IV and V; prerequisite, *Mathematics 1-2*.

Four hours a week through the year.

**MATHEMATICS 5-6. *Differential and Integral Calculus.***

*Mathematics 5. Integral Calculus.* Derivation and application of the fundamental formulas of integration; applications of the integral calculus to the determination of lengths of curves, areas, and volumes, mean values, moments of inertia, etc. Based on Granville's *Calculus* and *A Course in Mathematics* by Woods and Bailey.

The first semester.

*Mathematics 6. Differential and Integral Calculus.* A continuation of the work of the first semester. Numerous applications of the differential and integral calculus are considered. The work is based on Granville's *Calculus* and *A Course in Mathematics* by Woods and Bailey.

The second semester.

Junior elective course, open also to Sophomores in Admission Groups IV and V; prerequisite, *Mathematics 3-4*.

Three hours a week through the year.

Professor HARDY.

**MATHEMATICS 7-8. *Descriptive Geometry.*** Problems of the straight line and plane, curved surfaces, intersections and development of surfaces, simple warped surfaces. Elements of shades and shadows. Anthony and Ashley's *Descriptive Geometry* and Fishleigh's *Problems* are used as text-books.

Junior elective course; prerequisite, *Mathematics 3-4*.

Three hours a week through the year.

Assistant Professor SHEPARD.

**MATHEMATICS 9. *Differential Equations.*** Methods of solution of the simpler forms of differential equations, applications to many problems of mathematical physics, etc. The course is based on Cohen's *Differential Equations*.

Senior elective course; prerequisite, *Mathematics 5-6*.

Three hours a week during the first semester.

Dr. AGARD.

**MATHEMATICS 10. *Modern Methods in Analytic Geometry.*** Abridged notation, line coördinates, harmonic division, projection,

etc., with many applications. Lectures, with references to Salmon's *Conic Sections* and other works.

Senior elective course; prerequisite, *Mathematics 5-6*.

Three hours a week during the second semester.

Professor FERRY.

**MATHEMATICS 20.** *Theory of Equations, Spherical Trigonometry, etc.* Various text-books are used and the work is adapted to the particular qualifications of the students admitted to the course.

Limited Freshman course, open in general to those who have anticipated *Mathematics D* and *Mathematics F*.

Three hours a week during the second semester.

Dr. AGARD.

## PHYSICS

Professor McELFRESH,<sup>†</sup> Dr. MOODY, and Mr. SHRADER.

**PHYSICS 1-2.** *General Physics.* This course deals with the elementary facts and principles of physics and with the applications of physical laws to the experiences and phenomena of daily life. It includes elementary mechanics, sound, heat, light, magnetism, and electricity.

Sophomore elective course.

Four exercises a week through the year; these are lectures and recitations (three hours a week) and laboratory work (one two-hour exercise a week). For laboratory work the class is divided into small divisions; two-hour periods are assigned for this work to fit individual schedules.

Fee, \$5.00.

Dr. MOODY and Mr. SHRADER.

**PHYSICS 3-4.** *Experimental Physics.* Mechanics, sound, heat, light, magnetism, and electricity. This course consists of a series of physical measurements in the laboratory, accompanied by lectures. The lectures deal with the methods and principles involved in the laboratory work and also discuss certain physical problems which do not readily lend themselves to laboratory experimentation. In the laboratory work high-grade instruments of precision are employed and the course is expected to give some skill in accurate measurement. The primary object of the laboratory work is to enable the student to familiarize himself with physical phenomena by direct personal observation.

<sup>†</sup> Absent on leave, 1913-1914.

Junior elective course; prerequisite, *Physics 1-2*.

Three exercises a week through the year; lectures and recitations (one hour a week), and laboratory work (two two-hour periods a week).

Fee, \$10.00.

Dr. MOODY and Mr. SHRADER.

**PHYSICS 5-6. *Electrical Measurements and Practical Applications of Electricity.*** This course consists of lectures and laboratory work and includes a study of the magnetic properties of iron and steel, of direct and alternating current phenomena, and of their practical illustration in dynamo-electric machinery.

Senior elective course; prerequisite, *Physics 3-4*.

Three exercises a week through the year; lectures and recitations (two hours a week), and laboratory work (one two-hour period a week).

Fee, \$10.00.

Mr. SHRADER.

**PHYSICS 7. *Mechanics.*** The general principles of mechanics of solids; statics and kinetics of rigid bodies. Lectures, problems, and laboratory work.

Senior elective course; prerequisite, *Mathematics 3-4* and *Physics 1-2*.

Three exercises a week during the first semester.

Dr. MOODY.

**PHYSICS 8. *Mechanics.*** A continuation of *Physics 7*. Elasticity of solids, liquids, and gases. Statics and kinetics of liquids and gases.

Senior elective course; prerequisite, *Physics 7*.

Three exercises a week during the second semester.

Dr. MOODY.

## CHEMISTRY

Professor LEVERETT MEARS, Assistant Professor BRAINERD MEARS, and Mr. STEIN.

**CHEMISTRY 1-2. *General Chemistry and Qualitative Analysis.***

**Chemistry 1. *General Chemistry.*** The principles of chemistry are studied in connection with the non-metals and their compounds. This course is given by experimental lectures, supplemented by recitations and practical work in the laboratory.

Fee, \$3.00.

Four hours a week during the first semester.

*Chemistry 2. Metallic Chemistry and Qualitative Analysis.* A course of lectures is given on the occurrence, properties, and uses of the metals and their compounds.

Most of the time is devoted to qualitative analysis in the laboratory. This work includes the reactions of the principal bases and acids, their detection and separation. About 100 solutions and 100 solid substances, including about 50 minerals, are analyzed during the course. This course is a continuation of *Chemistry 1*.

Fee, \$10.00 and breakage.

Four periods a week, of two hours each, during the second semester.

Sophomore elective course.

CHEMISTRY 1-BIOLOGY 2. *Chemistry 1* and *Biology 2* may be taken together as constituting a Sophomore year-course. See *Biology 2*.

CHEMISTRY 3-4. *Organic Chemistry.*

*Chemistry 3. Organic Chemistry.* Lectures on the compounds of carbon, including the history of chemistry and its development to the present time. This course completes the work begun in *Chemistry 1* and continued in *Chemistry 2*.

*Chemistry 4. Advanced Organic Chemistry.* This course is a continuation of the work begun in *Chemistry 3*. The principles of organic chemistry are applied to the preparation and analysis of organic compounds in the laboratory with a discussion of the reactions involved. Cohen's book on organic preparations is used.

Junior elective course; prerequisite, *Chemistry 1-2*.

Three exercises a week, of two hours each, through the year.

Fee, \$10.00 and breakage.

Assistant Professor BRAINERD MEARS.

CHEMISTRY 5. *Quantitative Analysis.* This course embraces the quantitative determination and separation of the principal bases and acids. Both gravimetric and volumetric methods are employed.

Senior elective course; prerequisite, *Chemistry 3-4*.

Three exercises a week, of two hours each, during the first semester.

Fee, \$10.00 and breakage.

Professor LEVERETT MEARS and

Assistant Professor BRAINERD MEARS.

**CHEMISTRY 6. *Advanced Quantitative Analysis.*** This course is a continuation of *Chemistry 5* and includes the analysis of minerals and various other products closely related to the industrial processes and to daily life.

Senior elective course; prerequisite, *Chemistry 5*.

Three exercises a week, of two hours each, during the second semester.

Fee, \$5.00 and breakage.

Assistant Professor BRAINERD MEARS.

**CHEMISTRY 7. *Advanced Inorganic Chemistry.*** This course includes lectures, recitations, and reports upon the more important technical operations, together with the preparation of inorganic compounds and a discussion of the reactions and processes involved in their production.

Senior elective course; prerequisite, *Chemistry 3-4*.

Three exercises a week, of two hours each, during the first semester.

Fee, \$5.00 and breakage.

Assistant Professor BRAINERD MEARS.

**CHEMISTRY 8. *Physical Chemistry.*** This course consists of lectures and recitations on the modern theories of physical chemistry together with experimental work in the laboratory.

For those who prefer it, a parallel course in *Physiological Chemistry* may be offered.

Senior elective course; prerequisite, *Chemistry 3-4*.

Three exercises a week, of two hours each, during the second semester.

Fee, \$5.00 and breakage.

Assistant Professor BRAINERD MEARS.

## GEOLOGY AND MINERALOGY

Professor CLELAND and Mr. EHLERS.

**GEOLOGY 1-2. *General Geology.*** The purpose of the course in general geology is to give the student such a knowledge of the principles of geology that he may be able to understand what he sees of the earth's surface and to know what force or forces have produced this feature of the landscape and what that feature. A study is also made of the forces themselves, such as, for example,

glaciers, volcanoes, earthquakes, and erosion. Some time is spent on the life of the past, not only in a description of the animals that lived in the various periods of the earth's history but also of the changes that took place in their structure and habits, and, as far as possible, of the causes that produced these changes.

*Geology 1.* During the first semester that portion of the subject included in (a) *Dynamical Geology* which deals with the forces that have shaped, and are now shaping the earth's surface, such as weathering and erosion, glaciers, volcanoes, earthquakes, etc., is considered.

(b) *Structural Geology* (with the exception of ore deposits, which will be considered in the second semester). In this division of the subject the structure of the earth's crust and the more important rocks and minerals of which it is composed are studied.

Excursions in the vicinity of Williamstown, as well as one or two to some distance, are taken.

*Geology 2.* In the second semester the origin and occurrence of ores are first studied. This is followed by the major work of the semester, the study of evolutionary geology. The animals of the past, as shown by their fossil remains, are discussed particularly with regard to their bearing upon the theory of evolution. The fossils in the collections, and a number of casts, together with a large collection of lantern slides of restorations, are used in illustration.

Excursions in the vicinity of Williamstown, as well as one or two to some distance, are taken.

Junior elective course; prerequisite, *Chemistry 1-2* or *Chemistry 1-Biology 2*.

Three hours a week through the year.

*GEOLOGY 3. Advanced Geology.\** Beginning with a more detailed study of those subjects which are essential to the understanding of economic geology, the aim of the course is to afford the student a practical knowledge of the mineral products of the United States, such as coal, gypsum, salt, iron, lead, copper, and gold. Special attention is paid to the origin of the various deposits studied, with particular reference to the general principles governing the deposition and occurrence of each economic product discussed. Each student is required to present a typewritten report,

\* After 1913-1914 the subjects of *Geology 3* and *Geology 4* will be interchanged.



as the result of his own observation, of some local mine, quarry or other deposit of economic importance.

Senior elective course; prerequisite, *Geology 1-2*.

Three hours a week during the first semester.

**GEOLGY 4. Mineralogy.\*** The purpose of this course is to give the student the ability to determine the commoner minerals by tests that can be used in the field or with chemicals that can readily be procured. To accomplish this object, attention is given to the identification of minerals by their physical properties as well as by blowpipe and chemical tests. A brief course in crystallography is given throughout the semester, accompanying the identification of the minerals.

Moses and Parson's *Mineralogy and Blow-pipe Analysis* is used.

This course is designed for students who plan to take advanced work in chemistry, geology, or mining.

Senior elective course; prerequisite, *Geology 1-2*.

Three exercises a week during the second semester.

Fee, \$5.00.

**[GEOLGY 6. Regional Geology.** In this course the geology of the United States is studied. For example, the Coastal Plain, the Piedmont Plain, the Appalachian Region, etc., are first studied as units and then the relation of one to the other is considered. A study of geological reports and folios and some geological mapping constitute an important part of the work. Blackwelder's *Regional Geology of the United States of North America* is used as a basis for the work.

Senior elective course; prerequisite, *Geology 3*.

Three hours a week during the second semester.

(Given in 1912-1913 only.)

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## BIOLOGY

Professor CLARKE, Professor KELLOGG†, Dr. ALLEZ, and Mr. LYON.

**BIOLOGY 2. A study of living matter and of life.**

Text-book, lectures, oral and written recitations, laboratory exercises.

Sophomore elective course; prerequisite, *Chemistry 1*.

Four hours a week during the second semester.

Fee, \$2.00.

Professor CLARKE and Mr. LYON.

\* After 1913-1914 the subjects of *Geology 4* and *Geology 3* will be interchanged.

† Absent on leave, 1913-1914.

*Biology 2* is to be taken only as the second semester of the Sophomore year-course, *Chemistry 1-Biology 2*. See *Chemistry 1*.

**BIOLOGY 3-4.** The year's work includes two subjects:

(a) *Zoölogy of the Invertebrata*. This part of the course extends from September to about the last of March. Instruction is by means of lectures, recitations, and laboratory work. The structure and functions of several single-celled organisms are studied in the laboratory by means of the microscope. Among the many-celled forms examined are sponges, fresh-water hydras, marine hydroids, the star-fish, sea-urchins, worms, crayfish, grasshoppers, fresh-water and marine bivalves, and the squid. The object of this work is chiefly to demonstrate the meanings of homologies and adaptations, and to afford an appreciation of the value of the data employed in inductions considered later in the course. Laboratory work is recorded by each student in simple outline drawings.

(b) *Theories of Biology*. The remainder of the year is given to a series of lectures, with recitations, on the general problems of biology. Laboratory work in (a) is continued during this period.

The course considers the views of the early Transmutationists, of Lamarck, Erasmus Darwin, and others, and enters fully into a discussion of the theory of natural selection of Darwin and Wallace. Attention is given to early criticisms of the theory, and more particularly to recent observations that tend to limit it as a universal explanation of the structural and functional peculiarities of organisms.

Among the subjects discussed are the meaning of the term species, the multiplication of organisms, and the struggle for existence, variation among individuals, the meaning of color and peculiar structural modifications among animals and plants, heredity, natural selection and the development of the mental faculties, natural selection and morals, recent theories accounting for the origin of species, and the influence of the scientific method on modern thought.

Junior elective course; prerequisite, *Chemistry 1-Biology 2*.

Three exercises a week, of two hours each, through the year.

Fee, \$10.00.

Dr. ALLEE.

BIOLOGY 5-6. *Botany, including the Principles of Forestry and Evolution of Plants.*

*Biology 5.* The work in the first part of the course deals with the mechanism of one of the most highly organized plants. In connection with this, Steven's *Plant Anatomy* is used as a text-book. The second part of the course treats of the life-history of such a plant. This is followed by a study of plant physiology, using Coulter, Barnes, and Cowles's *Text-book of Botany*. A study of the principles of forestry with the use of Greene's text-book completes the course.

Lectures, laboratory, text-books, and field work with our native trees.

*Biology 6. The Evolution of Plants.* A continuation of *Biology 5*. Types of all the plant groups from the simplest to the most highly organized are studied, their structure and life history receiving especial attention. This is made the basis for a consideration of the process of evolution in the plant world, and will include such general subjects as the origin of sex, the origin of the seed plants and its significance to man, and the origin of the coal beds. Lectures, laboratory work, and occasional field work.

Text-book, Strasburger's *A Text-book of Botany*.

Fee, \$6.00.

Junior elective course; prerequisite, *Chemistry 1-Biology 2*.

Three exercises a week through the year.

Professor CLARKE and Mr. LYON.

BIOLOGY 7-8. A continuation of *Biology 3-4*.

(a) *Zoölogy of the Chordata.* As in *Zoölogy of the Invertebrata*, instruction is by means of lectures, recitations, and laboratory work. The fishes, amphibia, reptiles, birds, and mammals are studied comparatively by means of dissections in the laboratory.

(b) *Embryology.* The second semester is given to a study of the development of the starfish, worm, frog, chick, and mammal. In the first three forms special attention is given to the early stages which follow fertilization. The work on the chick is outlined by a text-book, and followed in the laboratory by means of preparations, some of which are made by the student. It covers the development from the beginning of incubation to a stage in which the more important organs of the body have appeared. Mammalian development is compared with that of the chick, which it closely resembles, but is studied in the laboratory only by means of models and demonstration preparations.

Senior elective course; prerequisite, *Biology 3-4*.  
Three exercises a week, of two hours each, through the year.  
Fee, \$10.00.

Dr. ALLEE.

## PHYSIOLOGY AND HYGIENE

Professor HOWARD.

**HYGIENE.** A series of lectures and recitations on the preservation of health. The lectures are designed to acquaint the student with the causes of disease, to point out the conditions of healthy living, and to inculcate those habits that promote physical efficiency. In several lectures attention is given to the problems of public health, especially those of safeguarding the food-supply and stamping out communicable disease.

Freshman required course.

One hour a week during the first semester.

Shortly after the opening of college in the fall, each new student is given a physical examination, the objects of which are to discover any existing defects of the heart, lungs, eyes, or muscular development, and to prescribe proper measures for their correction. Particular attention is given to the fitness of candidates for the athletic teams.

**PHYSIOLOGY I.** An elementary study of the mechanism of life. Attention is centered chiefly on the structure and function of the human body, but the facts of general physiology are constantly employed to throw light on the special problems of human physiology. The physical and chemical features of the material basis of life are discussed first. Following this the physiology of the cell is briefly surveyed. The remainder and larger part of the course is a study of the income of material and energy to the body, comprising the subjects of alimentation, respiration, circulation, and metabolism. As far as time and the nature of the subject permit, the facts of physiology are demonstrated to the class, and the discussions are based as far as possible on these observed phenomena. Classroom instruction is supplemented by reading of references in the manuals and periodicals of the science.

Senior elective course; prerequisite, *Biology 3-4* or *Biology 5-6*.  
Three hours a week during the first semester.

**PHYSIOLOGY 2.** This course continues the study of physiology on lines similar to those followed in *Physiology 1*. The means by which the body is adapted to its environment is the main topic. This comprises a study of the neuro-muscular mechanism, the central nervous system, and the organs of sensation.

Senior elective course; prerequisite, *Physiology 1*.

Three hours a week during the second semester.

## ASTRONOMY

Professor MILHAM.

**ASTRONOMY 1-2.** This year course is divided into two parts, descriptive astronomy and an introduction to spherical and practical astronomy. In the descriptive astronomy a text-book, Young's *Manual of Astronomy*, is used as the basis of instruction. Numerous supplementary lectures are given and the course is illustrated by charts and photographs. Such topics as the time service of the country, the origin of our calendar, the presence of an atmosphere in the case of the moon and the planets, and the cosmogony, are treated at length. During the second part of the course lectures on modern observatories, their location, equipment, and work, are given. Experimental demonstration and practical exercises in the observatory constitute a large part of the instruction during the last part of the second semester.

Junior elective course; prerequisite, *Physics 1-2*.

Three hours a week through the year.

[**ASTRONOMY 3. *Theoretical Astronomy.*** The mathematical side of astronomy is here considered. Elliptic motion, place in orbit, place in space, and the computation of orbits are treated.

Senior elective course; prerequisite, *Astronomy 1-2* and *Mathematics 5-6*.

Three hours a week during the first semester.

Omitted 1913-1914. ]

**ASTRONOMY 4. *Spherical and Practical Astronomy.*** This course consists of spherical trigonometry and its application to astronomy and the use of astronomical instruments in the determination of latitude, longitude, and time.

Senior elective course; prerequisite, *Astronomy 1-2* and *Mathematics 3-4*.

Three hours a week during the second semester.

**PHYSICAL TRAINING****Mr. SEELEY.**

Exercises consisting of marching, calisthenics, and light gymnastics with wands, clubs, chest-weights, and dumb-bells. The first six weeks are given up to outdoor work on Weston Field.

Freshman required course.

Three forty-five minute periods a week until Easter.

[In connection with this work a course of lectures on Hygiene is given in the first semester by Professor Howard. See the announcement of Physiology and Hygiene.]

Elective work in the gymnasium is offered to other classes.

## GENERAL INFORMATION

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### ORDER AND DISCIPLINE

It is the aim of the college to develop in the individual student the sense of personal responsibility for good order and a high standard of scholarship, and to secure, in the largest measure, his coöperation with the Faculty in the development of his own character. But if such coöperation is plainly impossible, a student may be dismissed from college at any time, even without previous warning.

### HONOR SYSTEM

All college examinations are conducted under an honor system, established in 1896, by which the presence of proctors in the examination room is dispensed with and each student is placed on his honor. The following declaration is necessary to make any examination or other work written on paper in the classroom valid: *I have neither given nor received aid in this examination.*

All cases of suspected fraud are dealt with by a committee of ten students, including representatives from each class, who have the power to decide on the question of guilt and to recommend to the Faculty the penalty of dismissal from college in the case of a Senior, Junior, or Sophomore, and of suspension in the case of a Freshman.

### REGISTRATION

All students are required to register on Tuesday, Wednesday, or the morning of Thursday at the beginning of the college year and again, as occasion may demand, shortly before the beginning of the second semester and near the

close of the second semester. For unexcused delay in registration, a fee of five dollars is imposed.

### ATTENDANCE ON COLLEGE EXERCISES

Attendance on all individual appointments in the departments of English and Hygiene, on all semi-annual or final examinations, and on six-sevenths of the chapel services, is required of all students; attendance on nine-tenths of all other exercises is required of those Seniors, Juniors, and Sophomores, whose grades during the previous semester were as high as B in at least half their courses and as high as C in all their courses; and attendance on nineteen-twentieths of these exercises is required of all other students.

Each student is allowed to be absent from the Sunday morning service twice and from the morning prayers and Sunday afternoon service combined eighteen times each semester.

The regulation of attendance on both the secular and the religious exercises is entrusted to the Dean. He is authorized to establish such rules for attendance on the religious exercises of the college as he may deem necessary, and to place on probation any student who fails to meet these requirements, or whose attendance on recitations and lectures is especially irregular. If a student does not comply with the conditions of the probation, the Dean may dismiss him from college; but any student thus dismissed has the right of an appeal through the Dean to the Committee on Administration.

### RECORDS AND REPORTS

A report of scholarship is sent to every student's parents or guardian at the close of each semester, and at such other times as the Faculty may deem expedient. A permanent



record of each student's scholarship is kept and by this record his promotion and graduation are determined.

### MASTER OF ARTS

The degree of Master of Arts is conferred upon Bachelors of Williams College of at least one year's standing who, having spent one year in residence at the college, pursuing two approved courses of study as explained below, have passed a satisfactory examination in each subject, and have submitted a satisfactory thesis.

The degree is conferred upon Bachelors of Williams College who have spent one year in residence at any academic institution, pursuing two approved courses as below, provided that none of the work taken for the degree be used in fulfillment of the requirements for degrees elsewhere, and having been registered for the Master's degree for not less than one college year, have fulfilled the conditions as to examinations and thesis.

The degree is conferred upon Bachelors of Williams College who, not having been in residence, but having been registered as candidates for the degree not less than two years, have fulfilled the conditions as to courses, examinations, and thesis.

Undergraduates of Williams College who at the beginning of their Senior year require not more than eight semester hours to complete the requirements for the Bachelor's degree may apply the remainder of their allowed semester courses toward the Master's degree, receiving the same one year after graduation, provided that they have satisfied the conditions as to courses, examinations, and thesis.

Undergraduates of Williams College who complete their work for the Bachelor's degree at the end of the first semester may continue in residence as candidates for the Master's degree, subject to the following restrictions:

- (a) Any undergraduate who has completed the requirements for graduation and who wishes to take an undergraduate course to be counted toward the Master's degree shall attend and complete this course in the manner prescribed for undergraduates, except that attendance on the last college exercise before and the first college exercise after holidays and recesses will not be required of him.
- (b) If he takes one, two, or three undergraduate courses, he shall pay to the College Treasurer the sum of twenty dollars a semester for each course. If he takes more than three courses, he shall pay the tuition required of other undergraduates.

The degree is conferred upon Bachelors of other colleges conferring the Bachelor's degree under conditions equivalent to those required at this college, provided that the approved courses are pursued in residence at Williams College under the specified conditions as to time, examinations, and thesis.

Each candidate must submit two courses of study, which together shall be equivalent to the work of a fifth college year. Of these courses, one, to be known as the major course, must be equivalent to at least twenty semester hours, and the other, to be known as the minor course, must be equivalent to at least ten semester hours.

Each candidate will outline his courses under the direction of the heads of the departments interested and the Committee on Graduate Students, who together shall be empowered to decide whether the candidate may pursue certain advanced undergraduate courses as part of the work leading to the degree.

Candidates for the Master's degree are required to pass their examinations with at least a B grade.

The thesis required of each candidate must treat a subject related to the major course. It must be submitted not later than May fifteenth of the year in which the candidate desires to be examined, and must meet the approval

of the professor to whose department it is related and of the Committee on Graduate Students. A copy of the thesis, printed or typewritten on paper of the size generally used in a typewriter, must be deposited in the College Library.

Each candidate must file his registration with the Chairman of the Committee on Graduate Students not later than October fifth of the year in which he desires to enter on his work. The registration must be renewed not later than October fifth of each year for which the applicant desires to be considered a candidate, and, in case of non-resident candidates, the renewal of the registration must be accompanied by a statement showing the progress that has been made during the year.

Candidates for the degree must pay to the Treasurer of the College twenty dollars at the time of the first registration, and five dollars at the time of the final examination. No further charge is made for the diploma.

The degree must be taken not later than three years after the first registration, unless the period be extended by special vote of the Committee on Graduate Students. The candidate must give notice of his readiness for the final examinations not later than May first of the year during which he expects to receive the degree. The examinations, however, may be taken earlier than the end of the final year of study, subject to the following restrictions: (a) The examination for the major course *in residence* may not be taken earlier than the spring recess following the date of registration; and that for the minor course *in residence* not earlier than the end of the first semester following the date of registration. (b) The examination for the major course *in absentia* may not be taken earlier than the end of the first semester of the year following the date of registration; and that for the minor course *in absentia* not earlier than the Spring recess of the year of registration.

Candidates in residence who desire instruction will be charged forty dollars for each course, in addition to the prescribed fees for registration and examination. This will entitle them to one weekly period of instruction in each course. An additional charge may be made for the use of laboratory apparatus.

The College Catalogue will contain the names of those candidates who take the required courses *in residence*, but not the names of those who pursue work *in absentia*.

Successful candidates for the degree are required to be present at the time when the degree is conferred, unless previously excused by the Board of Trustees.

Communications relative to the Master's degree should be addressed to Professor Monroe Nichols Wetmore, Chairman of the Committee on Graduate Students.

#### PUBLIC WORSHIP

Chapel exercises are held every week-day morning and Sunday evening, and all students are required to be present.

On every Sunday morning, a preaching service is held in the college chapel at which the presence of all students not excused to attend elsewhere is required.

#### PREACHERS TO THE COLLEGE FOR THE YEAR

1912-1913

President. Garfield	Williams College
Rev. Henry S. Coffin, D.D.	New York, N. Y.
Canon Herbert Hensley Henson, D.D.	London, England
President Albert Parker Fitch, D.D.	Andover Theol. Sem.
Rev. Floyd W. Tomkins, D.D.	Philadelphia, Pa.
Rev. S. V. V. Holmes, D.D.	Buffalo, N. Y.
Rev. A. F. Schauffler, D.D.	New York, N. Y.
Rev. H. E. Adriance	Englewood, N. J.
Prof. Edward C. Moore, D.D.	Cambridge
Rev. John S. Zelig, D.D.	Plainfield, N. J.
Rev. Anson Phelps Stokes, Jr.	Yale University
Rt. Rev. James DeWolf Perry, D.D.	Providence, R. I.
President W. Douglas Mackenzie, D.D.	Hartford Theol. Sem.

Father Harvey Officer	West Park, N. Y.
Prof. Paul Van Dyke	Princeton University
Rev. J. Franklin Carter	Williamstown
Rev. Willard Scott, D.D.	Brookline
Rev. C. A. Barbour, D.D.	Rochester, N. Y.
Rev. Willis H. Butler	Brookline
Rev. H. P. Dewey, D.D.	Minneapolis, Minn.
Rev. W. R. Taylor, D.D.	Rochester, N. Y.
Rev. H. Roswell Bates	New York, N. Y.
Rev. Prof. Hugh Black, D.D.	Union Theol. Seminary
Rev. Clarence H. Wilson, D.D.	Glen Ridge, N. J.
Mr. Robert E. Speer	New York, N. Y.
Rev. Dean Charles R. Brown, D.D.	Yale Divinity School
Rt. Rev. Philip Rhineland, D.D.	Philadelphia, Pa.
Rev. Prof. Arthur Stephen Hoyt, D.D.	Auburn Theol. Sem.
President James A. Blaisdell, D.D.	Pomona College
President James G. K. McClure, D.D.	McCormick Theol. Sem.
Rev. F. Boyd Edwards	Orange, N. J.
Rt. Rev. Charles D. Williams, D.D.	Detroit, Mich.
Rev. George A. Gordon, D.D.	Boston
President Charles A. Richmond, D.D.	Union College
Very Reverend William M. Grosvenor,	D.D. New York, N. Y.
President W. Douglas Mackenzie	Hartford Theol. Sem.
President Garfield	Williams College

### LIBRARY

The College Library contains seventy-five thousand volumes, exclusive of duplicates, and about twenty thousand pamphlets. The card catalogue now covers the entire collection, bound and unbound. For the maintenance and enlargement of the library, eight thousand five hundred and fifty dollars are expended annually. The Lawrence, Jonathan Phillips, J. Ruthven Adriance, D. A. Jones, Class of 1878, Josiah William Wheeler, the Stephen and Mary Stickney Memorial, and the John Savary funds represent a capital sum of about eighty thousand dollars, the income from which is increased by gifts, and by special appropriations of the Trustees.

Students have direct access to all books. They may draw three volumes at a time, to be retained, if desired, for two

weeks, with the privilege of one renewal. Abundant facilities are afforded for reading, study, and writing during library hours.

The library is open every week-day during the entire year. From September to Thanksgiving, and from the Spring Recess to Commencement, the hours are from 8 A. M. to 12 M., from 1 P. M. to 6 P. M., and from 7.30 P. M. to 10 P. M. Between Thanksgiving and the Spring Recess the hours are from 8.30 A. M. to 12.30 P. M., 1.30 P. M. to 6 P. M., and 7.30 P. M. to 10 P. M. On Sundays during the college year the library is open, for reading and reference only, from 2 P. M. to 5.25 P. M. In vacation the hours are from 10.30 A. M. to 12.30 P. M., on week-days.

To coöperate with the instruction in particular subjects, selected books bearing on the semester's work are placed in a special department of the east wing and in branch libraries established in the Thompson Laboratories, Griffin Hall, Clark Hall, and Hopkins Hall, bringing the books bearing on biology, chemistry, physics, mathematics, astronomy, history, government, economics, physiology, botany, and geology, within the immediate reach of students in those departments. With the same method in view, books used for special study in language, literature, and philosophy are placed in the reference room in Goodrich Hall.

A comfortable reading room, well supplied with daily and weekly papers and other current literature, is maintained under the auspices of the Williams Christian Association in Jesup Hall. The Common Room in Currier Hall is likewise supplied with current literature.

A valuable collection of paintings, bas-reliefs, Etruscan vases, and Peruvian pottery, the gift of the late Mrs. John W. Field, of Philadelphia, is on exhibition in the Library.

The gift of suitable works of art is solicited by the Trustees of the college.

### LABORATORIES

The departments of Biology, Chemistry, and Physics are located in the three buildings presented to the college by the late F. F. Thompson, Esq., of New York, N. Y.

The Biological Laboratory contains three laboratories for the various courses offered, a general lecture room, a library and reading room where much of the current literature of biology is kept on file, also a room for illustrative collections, and an aquarium. The work of instruction and research commands the aid of suitable apparatus, such as microscopes, microtomes, ovens, baths, and other necessary appliances, together with a large series of charts, models, and illustrative collections, which are continually being increased. There is also a complete stereopticon outfit, with projection microscope and arc light.

The Chemical laboratory is supplied with modern appliances for instruction in chemistry. The building contains four large laboratories, two private laboratories, lecture and recitation rooms, and a reference library.

The Physical Laboratory contains a well appointed lecture room, a recitation room, separate laboratories for the work of the different classes, a department library, and rooms especially arranged for advanced work in electricity, magnetism, light, and chemical physics. Power is furnished by a ten horse-power induction motor. The electrical equipment includes a five kilowatt dynamo, several smaller dynamos and motors, and standard instruments for measuring current-strength, voltage, resistance, capacity, etc. A storage battery of fifty cells furnishes current for the lecture room and laboratories.

### OBSERVATORIES

The astronomical department of the college possesses two observatories for illustration and scientific investigation. The older was built by Professor Albert Hopkins in

1838, and contains an equatorial by Phelps of Troy, N. Y., with an object glass by Alvin Clark, Senior, which has an aperture of 7 inches. This instrument was constructed about 1852 and is interesting as an early example of Clark's optical work. The meridian room of the Hopkins Observatory contains a portable transit which can be used as a zenith telescope, together with the necessary clock. Another room contains the meteorological apparatus. Meteorological observations have been made regularly since about 1816.

In another part of the town a plot, comprising five acres and a half, was purchased in 1881 for astronomical purposes. At present this enclosure contains the Field Memorial Observatory, an iron meridian house, built at the expense of the Hon. David Dudley Field, together with a small building for the accommodation of portable instruments. The main instrument of this observatory is a fine meridian circle by A. Repsold & Sons of Hamburg, with a telescope of 4.8 inches aperture and a circle divided to 2' of arc, reading by four microscopes to single seconds directly.

In addition, the department of Astronomy is provided with a large number of portable instruments, among which are two telescopes for the simpler observations and three surveyor's transits, one of them a Wanschaff universal with seven-inch limb, latitude level, and microscopes reading to 5" directly. There are also several instruments of reflection, including sextants, sailor's octants, and two prismatic circles, three chronometers, artificial horizons, and other small pieces of apparatus.

### GEOLOGICAL MUSEUM

The first floor of Edward Clark Hall is given up to the Geological Museum. The collections, though not large,



have been carefully selected and arranged and contain many choice specimens of minerals, rocks, and fossils.

The most recent additions to the Museum are some polished sections of tree trunks of petrified wood from the petrified forest of Arizona; the excellent collection of about 175 polished specimens (4 x 6 inches) of foreign and domestic ornamental stones, presented by Mr. Francis E. Bowker, 1908; and a small collection of fossil plants from Pennsylvania, and two casts, one of the skull of *Tyrannosaurus*, a gigantic carnivorous dinosaur, and the other, a complete skeleton of *Eryops*, a permian amphibian.

The fine collection of precious and semi-precious stones, donated largely by Mr. R. Clifford Black, 1900, is placed in a table case on the ground floor.

The nucleus of the mineral collection was the Wilder Cabinet, which was purchased and presented to the college by Edward Clark, the donor of the building that bears his name. In the early days of the college Professor Ebenezer Emmons presented his collection of North Carolina fossils as well as some from New York State, and from this the present collection of fossils grew. Through the generosity of Mr. Morris K. Jesup, as well as through the annual appropriations, vertebrate and invertebrate fossils have been purchased and this section of the Museum made more valuable for classroom as well as for exhibition purposes. Mr. T. Nelson Dale's donation of local rocks has made the collection of local rocks and minerals complete.

A collection of modern shells, the gift of missionary alumni and others, is on exhibition.

Models illustrating mountain structure, folding, faulting, relief maps, crystal models, and other devices for illustrating geological features, are either on exhibition or are available for those who are interested.

The museum is open to the public each day of the college year from 9 until 5 o'clock.

### GYMNASIUM

The Lasell Gymnasium, erected and equipped at a cost of \$50,000, chiefly by the munificence of the widow of the Hon. Josiah Lasell, of the Class of 1844, and of his son, Josiah Manning Lasell, of the Class of 1886, furnishes abundant facilities for physical development. The apparatus is the outcome of the study and invention of the best teachers of gymnastics. Pulley-weights of the best pattern, adjustable to varying strength, light Indian clubs, dumb bells, both of wood and of iron, horizontal and parallel bars, rings, and apparatus for developing special muscles, are used under the immediate supervision of a competent instructor. An inclined padded running-track 229 feet in length, and a swimming pool 65 by 22 feet, are important features of the building. It is provided with hot and cold water, tub, sponge, and shower baths, and five hundred and fifty steel lockers. A careful examination and measurement of each student is made by the Director soon after entering college, in order that the exercise may be adapted to individual peculiarities, and a symmetrical development secured. Gymnastic exercise is required of the Freshman class until the Spring recess.

### FIELD SPORTS

The smaller athletic fields near the college buildings afford practice in lawn-tennis and baseball, while Weston Field, and the newly acquired tract, known as the John M. Cole Field, affords opportunity for baseball, football, and track athletics. The golf links and tennis courts of the Taconic Club are open, on moderate terms, to student players.

### COLLEGE INFIRMARY

The new Infirmary, the gift of Mrs. F. F. Thompson, has been recently completed.

Each student cared for at the Infirmary is charged one dollar and a half a day. In case a physician is called in or special nurse is needed, the expense is to be borne by the person requiring the same, and the Infirmary is to be reimbursed for all expense and at the rate of six dollars a week for the nurse's board. In case of contagious disease, nurses charge extra for services. Board bills are to be paid to the College Treasurer.

A medical staff has been appointed by the Trustees of the College, composed of the following physicians:

Dr. Vanderpoel Adriance

Dr. Frederick H. Howard

Dr. Frank W. Olds

A physician other than a member of the staff may attend a student at the Infirmary, provided a written request to that effect, designating the physician, is received by the Dean of the College from the parent or guardian of the student.

#### **THOMPSON COURSE OF ENTERTAINMENTS**

This course, which for many years was sustained by the liberality of the late F. F. Thompson, Esq., of New York, N. Y., provided concerts and other entertainments during the winter. Mrs. Thompson has generously offered to continue the course for the current year.

Last year entertainments were given by Mrs. Goold and Mrs. David, Soprano and Harp; The American String Quartette; David and Mrs. Mannes; J. J. Derwin; Seumas MacManus; The Barrère Ensemble; and Gaston and Edouard Dethier.

#### **LYCEUM OF NATURAL HISTORY**

This organization was founded in 1835, and is maintained by the students of the college. Regular meetings are held at which reports are presented by the members or by visitors.

A fund established by the late William J. Walker equips expeditions, organized for the purpose of making collections and of study, at more or less distant points. This fund, which, by the terms of the gift, is awarded every fourth year, will be next available in the summer of 1916, for the encouragement of biological research at the Marine Biological Laboratory, Woods Hole.

### CLASSICAL SOCIETY

The Classical Society, composed of instructors and students in the elective Greek and Latin courses, has for its object the increase of interest in the study of the classics. It holds regular meetings for the reading of classical authors, for the discussion of papers, and for reports in the fields of Greek and Latin philology and archæology.

### PHI BETA KAPPA

The Williams, or Gamma of Massachusetts, chapter of Phi Beta Kappa was established July 21, 1864. The highest standing one-fourteenth of each class is elected to membership at the end of the Junior year. Sufficient men to make up one-seventh of the class are elected after the mid-year examinations of the Senior year provided that none fall below the minimum standing prescribed by the society.

### HONORS

Honors for high scholarship will be awarded by the Faculty at the end of each college year. The names of the recipients will be read at the Commencement exercises and will be printed in the next annual catalogue. The names of Seniors taking honors may also be printed on the Commencement program.

## DEGREES WITH DISTINCTION

The Faculty will recommend to the Trustees that the degree of Bachelor of Arts *cum laude* be conferred upon all members of the graduating class who have received grades equivalent to three-fourths of their semester-hours of grade B and one-fourth of grade C; that the degree *magna cum laude* be conferred upon those who have received grades equivalent to one-half of their semester hours of grade A and one-half of grade B; and that the degree *summa cum laude* be conferred upon those who have received grades equivalent to three-fourths of their hours of grade A and one-fourth of grade B.

## SOPHOMORE HONORS

"Sophomore honors" will be awarded at the end of Sophomore year to all students who have attained grades of the same excellence as is required for the degree with distinction at graduation.

## FINAL HONORS IN SPECIAL FIELDS

"Final honors" will be awarded to all students who attain the grade of A or B in the Junior and Senior courses of their Major Group.

"Highest Final Honors" will be awarded to all students who attain a grade of A in all the courses of their Major Group.

## PRIZES

## RHETORICAL PRIZES

On Monday evening of Commencement week, ten speakers, appointed equally from the Junior and the Sophomore classes, deliver original orations in competition for five prizes. The income of two thousand dollars, a part of which was given by Elizur Smith, Esq., of Lee, is appropriated for these prizes.

The Trustees of the college offer two prizes of twenty dollars and ten dollars respectively to members of the Freshman class for excellence in declamation.

#### BENEDICT PRIZES

The late Hon. Erastus C. Benedict, of the Class of 1821, once an instructor in the college, established seven first prizes of twenty-five dollars each, which may be awarded annually for excellence in the following departments: Latin, Greek, French, German, Mathematics, Natural History, and History; and seven second prizes of fifteen dollars each, which may be awarded in the same departments.

He also founded a prize of twenty-five dollars, to be given annually to that member of the college who, at the close of each college year, shall be found to have received the largest number of prizes.\* Honorable mention is here counted as a prize. In case of a tie, the relative grades of the prizes will be taken into account, and honorable mention in Latin or Greek and a Rice book prize will not both be counted.

#### BOOK PRIZES FROM THE RICE FUND

Six book prizes will be awarded from the Rice fund for excellence in Latin and Greek to students who are not recipients of the Benedict prizes in those subjects.

#### GRAVES PRIZES

The late Arthur B. Graves, Esq., of the Class of 1858, founded seven prizes, amounting to two hundred dollars, which may be awarded as follows: six prizes of twenty dollars each for the best six essays prepared by members

\* For the present an additional sum of \$75.00 will be given each year by a friend of the college to increase the prize to \$100.00.

of the Senior class, on subjects assigned by the Faculty; and one prize of eighty dollars to the student who shall deliver his essay in the most effective manner before a public audience. The essays must be deposited in the library.

#### VAN VECHTEN PRIZE

A prize amounting to seventy dollars, established by A. V. W. Van Vechten, Esq., of the Class of 1847, may be awarded for extemporaneous speaking. The assignment of this prize will be made by a committee of the Faculty on the basis of a public competition.

#### RICE PRIZES

The income of five thousand dollars, left to the college by the late James Lathrop Rice, Esq., is by his will appropriated to the encouragement of Latin and Greek scholarship. Of this income sixty dollars may be awarded at Commencement of each year to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Latin classics; and forty dollars to the member of the same class who shall have attained the second rank in the knowledge of the same authors; sixty dollars may be awarded at the same time to the member of the Senior class who shall have shown the fullest and most accurate knowledge of certain Greek classics; and forty dollars to the member of that class who shall have attained the second rank in the knowledge of the authors in question. The same student may compete for the prizes in both departments, but no prize will be assigned to a student who has not taken the subject for the four years of the college course. One of the elective year-courses, however, may be passed off by examination; but a course so passed may not count toward a degree.

## DEWEY PRIZE

The late Hon. Francis Henshaw Dewey founded a prize of fifty dollars to be awarded to the member of the graduating class who presents the most creditable oration in point of composition and delivery at the Commencement exercises.

## LATHERS PRIZE AND MEDAL

The income of a fund of one thousand dollars, received from the late Col. Richard Lathers, is to be used each year as a cash prize of about fifty dollars and also for the making of the Lathers bronze medal from a mould or die, for the manufacture of which Col. Lathers gave an additional sum of one hundred dollars. This cash prize and medal will be offered in competition to all members of the Senior class who hand to the Secretary of the Faculty, on or before the first day of March preceding their graduation, a written essay of not less than one thousand words on a subject indicated by the Faculty concerning the duty or relation of citizens to the government, and will be assigned to that writer whose essay is pronounced by a committee of the Faculty to be the most worthy of publication. The essay selected shall then be sent by the Secretary of the Faculty to the *Springfield Republican*, or to a journal published in Pittsfield, with the request that it may appear in an early issue of such newspaper. In case none of the competing essays is adjudged worthy of publication, no medal for that year will be awarded.

The subject for the current year is "The political duties of citizens of the United States."

## DAVID A. WELLS PRIZE

In accordance with the will of the late David A. Wells, of the Class of 1847, a prize of \$500 will be awarded



annually for the best essay upon a subject in any one of a number of branches of Political Science.

The will provides that if no essay deemed worthy of the prize be presented in any year the award shall be withheld for that year. The successful essay will be printed and circulated by the college out of the residual income of the fund.

Competition is limited by the terms of its foundation to Senior undergraduates, and to graduates of Williams College of not more than three years' standing.

The following provision of the will of the founder of the competition governs the committee in the selection of subjects and in the consideration of essays:

"No subjects shall be selected for competitive writing or investigation and no essay shall be considered which in any way advocates or defends the spoliation of property under form or process of law; or the restriction of commerce in times of peace by legislation, except for moral or sanitary purposes; or the enactment of usury laws; or the impairment of contracts by the debasement of coin; or the issue and use by Government of irredeemable notes or promises to pay intended to be used as currency and as a substitute for money; or which defends the endowment of such 'paper,' 'notes,' and 'promises to pay' with the legal tender quality."

The subject for the competition for the prize for 1915 will be announced during the winter of 1913-14. President Garfield will furnish competitors with the titles of authorities on the subject, on application.

The essays in the competition must be sent by March 15, 1915, to the president of the college, to whom all communications should be addressed.

The competition for the prize of 1915, with the qualifications already stated, is open to the members of the classes of 1912, 1913, 1914, and 1915.

## CANBY ATHLETIC SCHOLARSHIP PRIZE

A prize of fifty dollars, established by W. Marriot Canby, Jr., of the Class of 1891, may be awarded at Commencement to that member of the Senior class who shall have attained the highest average standing in scholarship during his course, and who shall have fulfilled the requirements of eligibility.

Any member of the Senior class who has been in college since the beginning of his Junior year, and who, at any time during his college course, has represented the college in any recognized intercollegiate athletic contest, shall be eligible.

## JOHN SABIN ADRIANCE PRIZE IN CHEMISTRY

Mr. John Sabin Adriance, of the Class of 1882, has given a fund of one thousand dollars, the income of which is to be given to that person who, in the opinion of the instructors in the chemical department, has maintained during his course the highest rank in all the courses offered in that department.

## CONANT-HARRINGTON PRIZE IN BIOLOGY

This prize, which yields twenty-five dollars annually, has been founded by the Class of 1893, in memory of their deceased classmates, whose names it bears. The award of this prize is made, upon the recommendation of the Professor of Natural History, to that member of the Senior class who, in his judgment, is best fitted to profit by advanced biological study. The money thus awarded will be used to pay the tuition fee of such student at the Marine Biological Laboratory, Woods Hole.

## GREEK PRIZES

The sum of one hundred dollars, contributed annually, for the present, by Eugene Delano, Esq., of the Class of

1866, is awarded in three prizes of fifty, thirty, and twenty dollars respectively, to the members of the Junior class who have shown the greatest excellence in the Greek studies of the Sophomore and Junior years.

#### KELLOGG PRIZE FOR ENGLISH COMPOSITION

Through the gift of the Hon. Abraham L. Kellogg, of Oneonta, N. Y., a prize of fifty dollars in gold is offered to that member of the class of 1914 who, not later than May first, shall present the most creditable essay—not less than 1,000 words nor more than 1,500 words in length—on the subject “The Value of College Education.” The award of this prize shall be based on style and subject-matter, and shall be determined by a committee of three judges to be appointed by the President of the College, at least one of whom shall be a member of the Department of English.

#### SAGE PRIZE

Mrs. Russell Sage has given fifty dollars in gold as a prize for work in Government. The prize will be awarded at Commencement, 1914, to that member of the Senior class majoring in History who has taken at least four semester courses in Government and Political Science under two or more different instructors and who, in the opinion of the members of the Department, has shown the most proficiency in the courses of his major group.

#### DEBATING PRIZES

Through the generosity of Mr. Charles Sumner Holt a first prize of twenty-five dollars and a second prize of fifteen dollars will be given for the best work shown in the Preliminary Debates of the year.

**FRANCIS W. RAWLE MEMORIAL CUP**

By the gift of Messrs. Felton Bent and Henry D. Riley, of the Class of 1895, a cup, to be known as the Francis W. Rawle Memorial Cup, will be awarded annually on the thirtieth day of May to that member of the Freshman class who, in the opinion of the Athletic Council and the Faculty, or a committee thereof, shall have shown during his first full year in college the most marked progress in those branches of athletics that now are and hereafter may be prescribed by the Faculty as courses to be taken by the Freshman class. It is further required that the recipient of the cup shall have maintained during his first year an average of at least C in his college work.

**POETRY PRIZE**

Through the generosity of a member of the class of 1882 a valuable silver cup will be awarded at Commencement, 1914, for the best unpublished poem submitted in competition by an undergraduate. The poems, each of which should be signed by an assumed name and accompanied by a sealed envelope containing the writer's full name, are due on May 1, and may be handed in at the college Library to be transmitted to the committee of award. If none of the competing poems is of sufficient merit, the prize will not be awarded.

**HORACE F. CLARK PRIZE SCHOLARSHIPS**

Two Horace F. Clark Prize Scholarships, in honor of Horace F. Clark, Esq., of the Class of 1833, have been established under the provisions of the will of Madame Marie Louise Souberbeille, his daughter.

These two scholarships of \$500, which in exceptional cases may be combined in a single prize of \$1,000 or may be continued to the same holder for more than one year, are awarded annually to such member or members of the

Senior class as may be chosen by the Faculty on the basis of superior scholarship, general ability, and interest in scholarly research, the sum to be paid in instalments at the end of each quarter. Competitive examinations on designated subjects connected with the regular studies of the course and supplementary thereto may be required to test the ability of the candidates.

#### **WILLIAMS COLLEGE GREEK FELLOWSHIP**

The sum of \$800 is contributed annually to enable a member of the graduating class, who shows scholarly promise and has distinguished himself in the fields of Latin and Greek classics, to pursue his studies at Athens, at the American School of Classical Studies. The appointment is made by the Faculty on the recommendation of the Departments of Greek and Latin, and may be withheld if there is no suitable candidate. The fellowship is paid in two instalments, at Commencement and in January.

### **SCHOLARSHIPS**

#### **HONOR SCHOLARSHIPS**

Several "Honor Scholarships" have been founded by alumni and friends of the college, in order to afford pecuniary aid, and to recognize successful scholarship. But under the present system all scholarships are considered "honor scholarships," and therefore these special "Honor Scholarships," five in number, are now merged in the general list in accordance with previous announcements.

#### **GENERAL SCHOLARSHIPS**

The income from the endowments included in the appended list, amounting to about \$7,500 annually, is distributed, by direction of the Trustees, to those students who are known to need aid.

The regulations are as follows:

1 Applications must be made in advance to the Committee on Scholarships upon forms provided by the Dean. All scholarships lapse at the close of the college year. Application for renewal, including a complete statement of income and expenditure for the year preceding, must be filed before July 1st upon forms provided by the Committee.

2 All promises of scholarships to students before their admission are provisional. If conditions or deficiencies are standing against the candidate when the college year opens, his scholarship may thereby be forfeited.

3 All holders of scholarships are expected to carry the proper number of courses normal for Freshmen, Sophomores, Juniors, or Seniors, as defined on p. 56, and in administrative rule 11, except that for the second semester of the Senior year, four instead of five courses may be sufficient.

4 The stipend for Freshmen is uniformly one hundred and forty dollars for the year, payable by semesters. For each year of the course after the first the stipends range from one hundred and forty to two hundred dollars, payable by semesters.

A regrading of the stipends will be made at the beginning of each year, on the basis of the standing for the previous year, according to the following scale:

Group 1	\$100.00 per semester	Group 4	\$77.50 per semester
Group 2	92.50 per semester	Group 5	70.00 per semester
Group 3	85.00 per semester		

5 A Freshman or a Sophomore who fails to obtain grades as high as C in at least six semester courses will lose his scholarship for the following year. See 8 below.

6 After the Sophomore year, a student who fails to obtain grades as high as C in at least eight semester courses will lose his scholarship for the following year.

7 Any one of the following causes may prevent the consideration of an application, or cause the forfeiture of a scholarship already awarded:

(a) Evidence satisfactory to the Committee that the scholarship is not needed;

(b) Gross neglect of work;

(c) Any serious misconduct;

(d) Indulgence in intoxicating liquors;

(e) Expensive habits. Holders of scholarships must satisfy the Committee that they are exercising strict economy in respect to room, board, and general living expenses.

8 A scholarship may be restored after the lapse of a semester, if the cause of forfeiture has been removed.

Lists of all holders of scholarships, except Freshmen, are printed in the catalogue in groups according to grades.

## LIST OF SCHOLARSHIP FUNDS

The John C. Baldwin Fund, 1871.....	\$27,915.14
The William Hilton Fund, 1897, 1899.....	25,710.00
The Alumni Scholarship Fund, 1870.....	10,000.00
The Stephen Stickney Family Memorial Fund, 1910.....	10,000.00
The Mrs. Abby Burrall Mills Fund, 1876.....	8,300.00
The Massachusetts Fund, 1869.....	7,500.00
The Woodbridge Little Fund, 1811, 1813.....	6,000.00
The Ebenezer R. Goodnow Scholarship Fund, 1894.....	6,000.00
The Moses Day Fund, 1880.....	5,000.00
The Thomas Thornton Read Permanent Fund, 1888.....	5,948.93
The Mary Brown Ward Warner Scholarship, 1909.....	5,000.00
The Wolcott H. Johnson Scholarship.....	5,000.00
The three Commonwealth Scholarships, 1861.....	4,500.00
The Horace Nathaniel Pennoyer Scholarship, 1895.....	3,500.00
The Francis Henshaw Dewey Scholarship, 1888.....	3,000.00
The Henshaw Scholarship, 1888.....	3,000.00
The Joseph White Memorial Scholarship, 1903.....	3,000.00
The Thomas Thornton Read Scholarship, 1875.....	2,500.00
The Scholarship of the Class of 1851.....	2,500.00
The Scholarship of the Class of 1852.....	2,500.00
The Mrs. Louisa F. Bartlett Scholarship, 1874.....	2,500.00
The Homer Bartlett Scholarship, 1861, 1874.....	2,500.00
The William Hyde Scholarship, 1869, 1875.....	2,500.00
The Mrs. William Hyde Scholarship, 1880.....	4,756.25
The Orrin Sage Scholarship, 1853, 1875.....	2,500.00
The Miss Sarah Ruth Sage Scholarship, 1880.....	4,756.25
The Hancock Scholarship, 1875.....	2,500.00
The Olin White Geer Memorial Scholarship, 1884.....	2,500.00
The Paul Ansel Chadbourne Scholarship, 1889.....	2,500.00
The Charles Henry Thomson Scholarship, 1871.....	2,500.00
The James Ruthven Adriance Memorial Scholarship, 1880	2,500.00
The Samuel Dennis Warren Scholarship, 1870.....	2,500.00
The Charles Franklin Gilson Scholarship, 1881.....	2,500.00
The Scholarship of the Class of 1867.....	2,500.00
The Scholarship of the Class of 1862.....	2,500.00
The Ephraim Flint Scholarship, 1904.....	2,500.00
The Abraham Lansing Scholarship, 1906.....	2,500.00
The Henry P. Brush Scholarship, 1885.....	2,375.00
The Amos Lawrence Scholarships, 1847.....	2,000.00
The Charles Augustus Dewey Scholarship, 1886, 1870....	1,500.00
The Charles A. Jessup Scholarship, 1879.....	1,000.00



The Mrs. Robert Means Fund, 1857.....	\$1,000.00
The Abraham Baldwin Olin Scholarship, 1866.....	1,000.00
The George H. Rosseter Scholarship, 1873.....	1,000.00
The Newton Henry Rosseter Scholarship, 1870.....	1,000.00
The Mrs. Charlotte Cone Scholarship, 1856.....	1,000.00
The Charles Stoddard Scholarship, 1866.....	1,000.00
The Emory Washburn Scholarship, 1877.....	1,000.00
The Mrs. Sarah Woodhull Arms Scholarship, 1877.....	1,000.00
The Cyrus Taggart Mills Scholarship, 1886.....	1,000.00
The Michael Edward Driscoll Fund, 1896.....	1,000.00
The George Anderson Scholarship, 1906.....	1,000.00
The John Dudley Hardy Fund, 1902.....	1,000.00
The Col. Henry Root Scholarship Fund, 1907.....	1,987.78
The Benjamin Howard Fund, 1902.....	952.50
The Ezra Starkweather Fund, 1835.....	943.60
The Franklin Marcellus Olds Fund, 1886.....	700.00
The Charles Merriam Scholarship, 1860.....	550.00
The J. Barker and Brothers Scholarship, 1856.....	500.00
The W. W. Mason Scholarship, 1856.....	500.00
The B. F. Bancroft Scholarship, 1856.....	500.00
The Bela Peck Williams Scholarship, 1859.....	500.00
The Thomas W. Williams Scholarship, 1859.....	500.00
The John Tatlock, Jr., Fund, 1892.....	500.00
The Charles Andrews Heath Fund, 1897.....	500.00
The Ira Jewett Geer Fund, 1902.....	500.00
The Fund of the Class of 1840.....	500.00
The Fund of the Class of 1857.....	500.00
The Fund of the Class of 1860.....	450.00
The Funds of six other classes.....	337.00
The Frank Benjamin Yates Fund, 1897.....	500.00
The Mrs. Betsey Barnes Fund, 1879.....	300.00
The Fund of the Class of 1848.....	300.00
The Fund of the Class of 1847.....	200.00
Total .....	\$224,982.45

The Horace F. Clark Prize Scholarship Fund of \$20,000 is not a part of the General Scholarship Fund, its income being distributed as prizes to all successful competitors without regard to their pecuniary circumstances, as is explained on page 122.

**EXPENSES****TREASURER'S BILLS**

*Tuition, \$75 per semester.....	\$150.00	\$150.00
Room charge, \$25 to \$80 per semester.....	50.00	160.00
	<u>\$200.00</u>	<u>\$310.00</u>

The following is an estimate of some of the necessary expenses for the college year:

Board, \$5.00 to \$7.00 per week, for 38 weeks....	\$190.00	\$266.00
Washing .....	20.00	30.00
Light .....	5.00	20.00
	<u>\$215.00</u>	<u>\$316.00</u>
Total, from .....	\$415.00	to \$626.00

In addition to these items a fee is charged for the use of apparatus and materials in connection with the following courses:

<i>Art 1-2</i>	\$ 6.00		
<i>Biology 2</i>	2.00		
<i>Biology 3-4</i>	10.00		
<i>Biology 5-6</i>	6.00		
<i>Biology 7-8</i>	10.00		
<i>Chemistry 1</i>	3.00		
<i>Chemistry 2</i>	10.00	and	breakage
<i>Chemistry 3-4</i>	10.00	"	"
<i>Chemistry 5</i>	10.00	"	"
<i>Chemistry 6</i>	5.00	"	"
<i>Chemistry 7</i>	5.00	"	"
<i>Chemistry 8</i>	5.00	"	"
<i>Geology 4</i>	3.00		
<i>Physics 1-2</i>	5.00		
<i>Physics 3-4</i>	10.00		
<i>Physics 5-6</i>	10.00		

\* To take effect at the beginning of the college year 1913-14; but not to affect any student who shall have entered upon his college course before the beginning of that year, the tuition of such student being \$70 for each semester.

An additional charge of \$10.00 is made on the last semester bill of the Seniors to cover expenses of graduation.

Every student's bill is mailed to him at the beginning of each semester, and he is held responsible for prompt payment, which is required in advance. In case any student fails to pay by the end of the second week after the date of the bill, he may be excluded from all college exercises. No part of a term bill will be refunded for any cause.

To the above items must be added the expense of furnishing a room, cost of text-books, and incidentals. The amount of incidental expenses depends very much on the habits of the student.

Special damage done to college property by students will be charged to them.

Those who enter on an advanced standing, unless they come from another college, pay the following sums as entrance fees, viz.: Sophomores, \$10; Juniors, \$20; Seniors, \$30.

Every student taking courses amounting to more than 16 hours per week at the beginning of any semester will be charged a supplementary fee of \$10 for the extra instruction of that semester; and every student taking courses amounting to more than 19 hours per week at the beginning of any semester will be charged a supplementary fee of \$20 for the extra instruction of that semester.

### COLLEGE ROOMS

The college has seven buildings used as dormitories. There are ten triple rooms, one hundred and fifty double rooms, and thirty one single rooms. These accommodate about three hundred and sixty students. The buildings are heated from a central heating plant. Each man provides his own light. Each building has bath-room and toilet conveniences.

Necessary repairs are made by the college, but all additional work is at the expense of those who occupy the rooms.

There are three methods of securing rooms: by occupancy, by lot, and by application.

1 Up to May 1st of each year the two occupants of any room may retain their room for the ensuing college year by renewing their application and paying half of the yearly charge. One student may hold his half of a double room by securing a room-mate from his own class or from an upper class.

2 The rooms not thus re-engaged are offered to the classes in college in order of their seniority, the choice in each instance being determined by lot.

3 All rooms not taken by the men in college are open to the entering class in the order of application. This application does not constitute a promise on either part, but it gives the applicant an opportunity to select a room if, when the time of choice comes, there is any room open that he desires. An early application is wise. If he wishes a double room, he must select his own room-mate at the time the application is filed, or take the next man on the application list.

To secure a room the applicant must sign the following paper:—

The undersigned hereby applies for the assignment to him of one-half of Room No.....in.....for the college year .....subject to all the published room regulations, and for his personal use and occupancy as a student, and agrees to pay therefor as a part of the annual charges during said year against the undersigned as a student the sum of \$.....payable in half-yearly payments. The first half-yearly payments shall be payable when the assignment is made and no part thereof shall be refunded under any circumstances.

The payment of one half of the yearly charge when the assignment is made is required of all who take college rooms, both those already members of the college and those intending to enter.

The man who signs for a room must occupy it himself; he cannot transfer it. No double room is secured until both applications are on file with the Treasurer. Each occupant of a college room is held responsible for all damage done to his room.

Students who leave college at the end of the college year, as well as those who are to change from one room to another, or from a college room to a private house or a society house, must remove all furniture and other property from their rooms immediately after Commencement. Furniture not thus removed by the owner will be removed by the college employees and stored at the owner's expense. This expense will be collected of students who leave college when the property is taken away, but in cases of other students it will be charged in the next term bill. All things sent for the students during vacation should be sent in the care of the Superintendent of Buildings.

All students are required to reside in the college dormitories during their first two undergraduate years, unless excused by the Committee on Administration for reasons to be presented in writing by the applicant.

Descriptive lists and price lists of rooms and general information may be obtained on application to the Treasurer.

### COMMONS

A college commons has been established in Currier Hall accommodating about one hundred and thirty men. Meals are served at table d'hôte rates to students availing themselves regularly of the privilege, while an à-la-carte service is also provided. In addition to the dining room, a large and attractively furnished common room is maintained.

### WILLIAMS INN

The Williams Inn, formerly the Williams Alumni House, owned by a corporation composed of alumni of the college, is a public inn and is open throughout the year.

# HOLDERS OF SCHOLARSHIPS

The following list of holders of scholarships is considered an "honor list." It includes the names of none who have not been in college for at least a year, and of none who failed to reach at least the grade of C for the last semester. It therefore excludes the names of all Freshmen and other new students, though they may be receiving the pecuniary advantages of scholarships.

It excludes also the names of a few students who hold scholarships by special vote of the Trustees.

The list is based on the work of the last year, as explained in section 4 on page 124.

A few scholarships are dependent upon local considerations or personal nomination. Incumbents of such scholarships are placed in the groups which correspond to their standing, without regard to the actual value of the scholarships which they hold.

## GROUP I'

1914	1916
William Leonard Crum	Edward Francis Oakes

## GROUP III

1915
Ralph Finch Palmer

## GROUP IV

1914	1915
Thomas Calvin Atchison	Bruce Messer Smith
John Greer Bartram	Lessing Whitford Williams
Harold Cobb Cowell	Oliver James Wilson
George Emerson Haynes	
James Frederick Herrick	1916
Jacob Chauncey Stone	John Wilson Freeman
Lewis Holman Smith	Claude Milton Haggerty
	Francis Michael McMahon
	Ellis Monroe

**GROUP V**

**1914**

Roy Battenberg  
Charles Airmet DeLand, Jr.  
Franklin Clyde Doan  
Ernest Orville Lothrop  
Addison Hurlbutt Northrop  
Reginald Dwight Perry  
John Dickinson Stevens  
William Luke Wessels

**1915**

Raymond Curtis Bloom  
George Washington Brodie  
Herbert Spencer Havens  
James Fay Newton  
Louis Rudnick

**1916**

William Gail Camp  
Herbert Carey Fowler  
Ira Alden Hawkins  
George Cyril Jordan  
Horace Dudley Peck  
Gomer John Williams

**PRIZES AWARDED AT COMMENCEMENT, 1913****RHETORICAL PRIZES***General Prize*

Daniel Schneck Keller.....Class of 1915

*Junior Prizes*

FIRST PRIZE—Carl Joseph Austrian.....Class of 1914

SECOND PRIZE—Walter Mills Hinkle.....Class of 1914

*Sophomore Prizes*

FIRST PRIZE—Frank Joseph MacNamee, Jr.....Class of 1915

SECOND PRIZE—Barry Lincoln Morgan.....Class of 1915

*Prizes for Freshman Declamation Contest*

FIRST PRIZE—Richard Bryan Leake, Jr.....Class of 1916

SECOND PRIZE—Douglas Auld Shepardson.....Class of 1916

**BENEDICT PRIZES***In Latin*

FIRST PRIZE—Edgar Gates Nash.....Class of 1915

SECOND PRIZE—James William Ferguson, Jr.....Class of 1915

HONORABLE MENTION—Daniel Schneck Keller and  
Ralph Finch Palmer.....Class of 1915

*In Greek*

FIRST PRIZE—Lessing Whitford Williams.....Class of 1915

SECOND PRIZE—Paul Pickering Wrigley.....Class of 1915

*In French*

FIRST AND SECOND PRIZES—Equally divided between

James Phinney Baxter, 3d.....Class of 1914

Richard Burton Rockwood.....Class of 1916

*In German*

FIRST PRIZE—William Boynton.....Class of 1913

SECOND PRIZE—Samuel Sholes Berger.....Class of 1913

HONORABLE MENTION—Albert Wright Rockwood.....Class of 1914



*In Mathematics*

FIRST PRIZE—Kneeland Ball Wilkes.....Class of 1915  
 SECOND PRIZE—John Cowperthwaite Tyler.....Class of 1915  
 HONORABLE MENTION—Ralph Finch Palmer.....Class of 1915

*In Natural History*

FIRST PRIZE—Emil Robert Stein, Jr.....Class of 1913  
 SECOND PRIZE—Warren Post Kortright.....Class of 1913

*In History*

FIRST PRIZE—Charles Stanley Thompson.....Class of 1913  
 SECOND PRIZE—Edward Richmond Ware.....Class of 1913  
 HONORABLE MENTION—James Monroe Walker.....Class of 1913

*Prize for Prizes*

Charles Randall Hart.....Class of 1913

GRAVES PRIZES

*For Essays*—Class of 1913

Henry Ward Banks, 3d	Dwight Copley Pitcher
Henry Greene Hotchkiss	Edward Merriam Powell
John Kewley Henshaw	Allen Manvel Schaufler
Nightingale, Jr.	

*For Excellence in Delivery*

Dwight Copley Pitcher

VAN VECHTEN PRIZE FOR EXTEMPORANEOUS  
 SPEAKING

Dwight Copley Pitcher.....Class of 1913

RICE PRIZES

*In Latin*

FIRST PRIZE—Charles Randall Hart.....Class of 1913  
 SECOND PRIZE—James Thomas Greene.....Class of 1913

*In Greek*

FIRST PRIZE—Charles Randall Hart.....Class of 1913  
 SECOND PRIZE—James Thomas Greene.....Class of 1913

## BOOK PRIZES FROM RICE FUND

John Wily Garrett, 2d.....	Class of 1915
Jack Butler Johnstone.....	Class of 1915
Daniel Schneck Keller.....	Class of 1915
Edgar Burnside Parsons.....	Class of 1915
Thomas Stuart Squire.....	Class of 1915
Oliver James Wilson.....	Class of 1915

## DEWEY PRIZE FOR EXCELLENCE IN THE COMMENCEMENT EXERCISES

Dwight Copley Pitcher.....	Class of 1913
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## LATHERS MEDAL AND PRIZE

William Mandeville Troy.....	Class of 1913
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## DAVID AMES WELLS PRIZE

Not awarded

## CANBY ATHLETIC SCHOLARSHIP PRIZE

John Platt Hubbell.....	Class of 1913
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## ADRIANCE PRIZE IN CHEMISTRY

John Platt Hubbell.....	Class of 1913
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## DELANO PRIZES IN GREEK

FIRST PRIZE—Richard Ellsworth Weeks.....	Class of 1914
SECOND PRIZE—Richmond Walker.....	Class of 1914
THIRD PRIZE—Donald Mackenzie.....	Class of 1914

## PRIZES FOR PRELIMINARY TO NEW ENGLAND ORATORICAL CONTEST

FIRST PRIZE—Dwight Copley Pitcher.....	Class of 1913
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## PHILADELPHIA 1895 ALUMNI CUP

Samuel Campbell McKown, Jr.....	Class of 1916
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## PRIZE CUP FOR POETRY

Oliver Wolcott Toll.....	Class of 1913
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## HORACE F. CLARK PRIZE SCHOLARSHIPS

Thomas Ray Mather.....	Class of 1913
Percival Wilcox Whittlesey.....	Class of 1913

## WILLIAMS COLLEGE GREEK FELLOWSHIP

Charles Randall Hart.....	Class of 1913
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HONORS AWARDED AT COMMENCEMENT, 1913

HIGHEST SENIOR CLASS HONORS

Thomas Ray Mather

SENIOR CLASS HONORS

William Brown Clarkson  
Charles Randall Hart  
Warren Post Kortright  
Arthur Lessner Swift, Jr.

JUNIOR CLASS HONORS

John Ure Anderson  
James Phinney Baxter, 3d  
William Leonard Crum  
Walter Mills Hinkle

FINAL HONORS IN SPECIAL FIELDS

William Brown Clarkson—*Mathematics*  
John Joseph Danaher—*Physics*  
Harold Van Vechten Fay—*German*  
Charles Randall Hart—*Greek*  
John Platt Hubbell—*Physics*  
Frank Sampson Kelley—*History*  
Warren Post Kortright—*Biology*  
Thomas Ray Mather—*English*  
Dwight Copley Pitcher—*History*  
Schuyler Pratt—*Philosophy*  
Emil Robert Stein, Jr.—*Chemistry*  
Percival Wilcox Whittlesey—*Philosophy*

## DEGREES CONFERRED IN 1913

## DEGREES IN COURSE

## BACHELOR OF ARTS

Newman Barnes Abercrombie	Huntington Gilchrist
Walter Byron Adams	Fletcher Ladd Gill
Irwin Elkus Auerbach	George Selbie Gordon
Stanley Mason Babson	James Thomas Greene
Henry Raymond Bacon	Julian Delamater Hamlin
Henry Ward Banks, 3d	Theodore Edward Hazell
Alfred Clarke Bedford	Frederic Armitage Hewat
Samuel Sholes Berger	Frederick Clowes Hewlett
Ronald Fletcher Bogle	Philip Butler Heywood
Donald Flagg Bowen	Daniel Francis Hoar
John Alden Bower	Guy Groustine Hopper
Cyrus Perrin Brown, Jr.	Henry Greene Hotchkiss
Simmons Brown	Chester Morse Jones
James Philip Cahen, Jr.	Willis Webster Judd
James Francis Carroll	Josiah Lasell
Holland Coffin	Loran Lodowick Lewis, Jr.
Robert Crane	Ceylon Arthur Lyman
Burton Sargeant Dake	John Aeneas Mackenzie
Arthur James Daly	Roderick MacLeod
George Allen Davis, Jr.	Frederic Woehler Mears
Henry Dearborn	John Harbeck Meeker
Eugene Hoyne deBronkhart	Samuel Mundy Meeker, Jr.
Guy Eugene deLagerberg	Frederic Arnold Merrill
John Clarke Dewey, Jr.	Lewis Cuddeback Merritt
Ashley Weed Dickinson	Sidney Morris Michael
Howard Ernest Duryea	Charles Nelson Mortenson
John Owen Stearns Edwards	Francis Stetson Mygatt
Beverley Montagu Eyre	Henry Siller Narten
William Hinrichs Fields	Edgar Joshua Nathan, Jr.
Richard Starbuck Fielding	Robert Elkan Naumburg
Irving Duncan Fish	John Kewley Henshaw
Talbot Flanders	Nightingale, Jr.
Loren Albert Fletcher	Thomas Raymond Nusbickel
John Eliot Fowler	Jerome Foote Page
Edward Livingston Freeman	Carle Lawyer Parsons
John Beebe Gibson	Osgood Perry

Charles Swayne Phillips	Merritt Haviland Smith, Jr.
Edward Merriam Powell	James Darrow Standish, Jr.
John Guy Prindle	Joseph Kiddoo Surls
Wallace Rand, Jr.	Charles Stanley Thompson
William Thompson Rice	Oliver Wolcott Toll
John Harold Robinson	George Wheeler Trevor
Laurence Rothfeld	Charles Bach Utley
Allen Manvel Schaufler	Frederick Albert Vietor
Thomas Julius Shack	Augustus Cuddeback Wallace
Winthrop Lawrence Sheedy	Stirling Davies Ward
George Marsden Shipton	Lawrence Charles Wellington
Livingston Lyman Short	Edward Higginson Williams, 3d
John Lazear Sly	Walter Halsey Young
Irving Frederick Smith	

*Cum laude*

William Boynton, $\Phi. B. K.$	John Miguel Martinez, $\Phi. B. K.$
William Brown Clarkson, $\Phi. B. K.$	John Richardson Miller, $\Phi. B. K.$
John Joseph Danaher, $\Phi. B. K.$	Dwight Copley Pitcher, $\Phi. B. K.$
Harold Van Vechten Fay, $\Phi. B. K.$	Schuyler Pratt, $\Phi. B. K.$
Charles Randall Hart, $\Phi. B. K.$	Emil Robert Stein, Jr., $\Phi. B. K.$
John Platt Hubbell, $\Phi. B. K.$	Arthur Lessner Swift, Jr., $\Phi. B. K.$
Frank Sampson Kelley, $\Phi. B. K.$	James Monroe Walker, $\Phi. B. K.$
Warren Post Kortright, $\Phi. B. K.$	Edward Richmond Ware, $\Phi. B. K.$
Richard Vaughan Lewis, Jr., $\Phi. B. K.$	Percival Wilcox Whittlesey, $\Phi. B. K.$

*Magna cum laude*

Thomas Ray Mather,  $\Phi. B. K.$

MASTER OF ARTS

Otto Bacmeister

Major, Romance Languages; Minor, Philosophy

Thesis: A discussion from the standpoint of Philosophy of the meaning of the term Romanticism as used in Literature and the Fine Arts.

Charles Julius Bauerle, Jr.

Major, Chemistry; Minor, Biology

Thesis: The colorimetric determination of iron.

William Redfield Stocking, Jr.

Major, English; Minor, Philosophy

Thesis: An investigation of the problem of the teaching of English in the public schools of the Middle West, together with a projected course of study.

Kenneth Montague Sturges

Major, Philosophy; Minor, German

Thesis: The nature of conscience.

### HONORARY DEGREES

#### MASTER OF ARTS

Albert Rathbone

James Hixon Van Sickle

#### DOCTOR OF DIVINITY

Francis Nathan Peloubet

William Farrar Weeks

#### DOCTORS OF LETTERS

Frank Jewett Mather, Jr.

William Roscoe Thayer

#### DOCTOR OF LAWS

Morris Schaff

Charles Barker Wheeler

## STUDENTS

CANDIDATES (IN RESIDENCE) FOR THE DEGREE OF  
MASTER OF ARTS

John Beebe Gibson, B.A., 1913, Waterloo, N. Y.	J. H.
<i>English</i> <i>Government</i>	
Barnaby Matthew Hogan, B.A., 1906	Williamstown
<i>Romance Languages</i> <i>Economics</i>	
John Richardson Miller, B.A., 1913, Leominster	18 B. H.
<i>Romance Languages</i> <i>European History</i>	
Willis Everett Ridgeway, B.A., 1899, Syracuse University	Lee
<i>English</i> <i>History</i>	
Emil Robert Stein, Jr., B.A., 1913, North Adams	T. C. L.
<i>Chemistry</i> <i>Biology</i>	
William Mandeville Troy, 1914, Williamstown	4 Adams Block
<i>Economics</i> <i>Greek</i>	

## LIST OF ABBREVIATIONS

The following abbreviations are used in the addresses of students:

B. H.	Berkshire Hall	T. B. L.	Thompson Biological Laboratory
C. H.	Currier Hall	T. C. L.	Thompson Chemical Laboratory
E. C.	East College	T. P. L.	Thompson Physical Laboratory
F. H.	Fayerweather Hall	W. C.	West College
J. H.	Jesup Hall	W. H.	Williams Hall
M. H.	Morgan Hall		

## SENIORS—CLASS OF 1914

Frank Prouty Abbott	<i>Goshen, Ind.</i>	I W. C.
Waldemar Patterson Adams	<i>Portland, Me.</i>	X. Ψ. Lodge
Harris Ely Adriance, Jr.	<i>Englewood, N. J.</i>	A. Δ. Φ. House
Rutherford Oakes Ainslie	<i>Oak Park, Ill.</i>	A. Δ. Φ. House
Columbus Delano Ames	<i>Baltimore, Md.</i>	St. Anthony Hall
John Ure Anderson	<i>Youngstown, O.</i>	Δ. T. House
Thomas Calvin Atchison	<i>Lawrence</i>	Φ. Γ. Δ. House
Carl Joseph Austrian	<i>New York, N. Y.</i>	10 F. H.
John Greer Bartram	<i>Lakeville, Conn.</i>	Φ. Γ. Δ. House
Roy Battenberg	<i>Scranton, Pa.</i>	7 & 8 B. H.
James Phinney Baxter, 3d	<i>Portland, Me.</i>	K. A. Lodge
Eric McCoy Beach	<i>Orange, N. J.</i>	Φ. Σ. K. House
Gerhard Frederick Behre	<i>New Canaan, Conn.</i>	Φ. Σ. K. House
Edgar Willis Bowne	<i>Flushing, N. Y.</i>	Φ. Δ. Θ. House
Cornelius Merrill Brown	<i>Matawan, N. J.</i>	Δ. T. House
Rodman Wright Chamberlain	<i>New Britain, Conn.</i>	A. Δ. Φ. House
John Hallett Clark, Jr.	<i>Alberta, Canada</i>	Δ. K. E. House
Freeman Clarkson, Jr.	<i>Brooklyn, N. Y.</i>	Φ. Γ. Δ. House
Joseph Plumb Cochran	<i>Minneapolis, Minn.</i>	Φ. Γ. Δ. House
Sanford Corey	<i>Portland, Me.</i>	15 F. H.
Harold Cobb Cowell	<i>Ashburnham</i>	Φ. Γ. Δ. House
Ridgway Miller Cravens	<i>Williamstown</i>	22 B. H.
William Anderson Crosby	<i>La Crosse, Wis.</i>	7 & 8 B. H.
William Leonard Crum	<i>North Adams</i>	20 Spring St.
George Terry Curtis	<i>Plattsburgh, N. Y.</i>	Φ. Σ. K. House
Theodore Hamilton Dauchy	<i>Brooklyn, N. Y.</i>	X. Ψ. Lodge
John Goldthwait Davis	<i>Brookline</i>	X. Ψ. Lodge
Charles Airmet DeLand, Jr.	<i>Warren</i>	30 M. H.
Franklin Clyde Doane	<i>Plainfield, N. J.</i>	Δ. T. House
Norman Duffield	<i>Troy, N. Y.</i>	Φ. Γ. Δ. House
Charles Franklyn Ely	<i>Westfield</i>	Φ. Δ. Θ. House
Samuel Scriven Evans, Jr.	<i>Paterson, N. J.</i>	Ψ. Ω. House
Herbert Edward Field	<i>Providence, R. I.</i>	16 W. C.
Lyman Sheridan Frazier	<i>Amsterdam, N. Y.</i>	9 M. H.
Stephen Luther French	<i>Fall River</i>	Θ. Δ. X. House
Alfred Warren Gale	<i>Troy, N. Y.</i>	10 M. H.
Mason Garfield	<i>Williamstown</i>	A. Δ. Φ. House
Joseph White Geer	<i>New York, N. Y.</i>	St. Anthony Hall



John Westfield Gillette, Jr.	<i>Hudson, N. Y.</i>	A. A. ♀. House
Carl Edward Glock	<i>Johnstown, Pa.</i>	ψ. Ω. House
Edwin Saffen Graham	<i>Williamstown</i>	5 M. H.
Henry Tracy Hale	<i>Towanda, Pa.</i>	Z. ψ. House
Stockton Harter	<i>Canton, O.</i>	31 W. H.
George Emerson Haynes	<i>Adams</i>	24 B. H.
Allston Headley	<i>Albany, N. Y.</i>	St. Anthony Hall
James Frederic Herrick	<i>New York, N. Y.</i>	28 B. H.
George William Higinbotham	<i>Victor, N. Y.</i>	Z. ψ. House
Walter Mills Hinkle	<i>New York, N. Y.</i>	15 B. H.
Karl Hofmann Hodge	<i>St. Louis, Mo.</i>	♂. A. Θ. House
Paul Hull Hyde	<i>Wichita, Kan.</i>	Θ. A. X. House
Robert Rollin Jewett	<i>Aberdeen, S. D.</i>	K. A. Lodge
Walter Erwin Johnson	<i>Wolcott, N. Y.</i>	♂. Γ. A. House
David Gale Jones	<i>Minneapolis, Minn.</i>	X. ψ. Lodge
Herbert Du Noyer Jones	<i>Brooklyn, N. Y.</i>	Z. ψ. Lodge
Lawrence Albert Kohn	<i>New York, N. Y.</i>	17 B. H.
Henry Manchester Ladd, Jr.	<i>Rutherford, N. J.</i>	Δ. T. House
Meredith Clearman Laffey	<i>Newark, N. J.</i>	♂. Z. K. House
John Howard Lawson	<i>New York, N. Y.</i>	10 B. H.
Gillet Lefferts	<i>New York, N. Y.</i>	St. Anthony Hall
Charles Willard Lester	<i>Saratoga Springs, N. Y.</i>	♂. A. Θ. House
Henry Martyn Lester, Jr.	<i>New Rochelle, N. Y.</i>	♂. Z. K. House
George Joseph Levi	<i>New York, N. Y.</i>	7 Spring St.
Edward Converse Lincoln	<i>Springfield</i>	A. A. ♂. House
Kenneth Chandler Lincoln	<i>Fall River</i>	12 B. H.
Robert Davis Longyear	<i>Excelsior, Minn.</i>	ψ. Ω. House
Ernest Orville Lothrop	<i>Leominster</i>	12 B. H.
Francis Robbins McCook	<i>Steubenville, O.</i>	Δ. K. E. House
John Alan MacGruer	<i>Syracuse, N. Y.</i>	Z. ψ. House
Donald Sage Mackay, Jr.	<i>New York, N. Y.</i>	ψ. T. House
Donald Mackenzie	<i>Flushing, N. Y.</i>	30 M. H.
Frederick Whittlesey McKown	<i>Rochester, N. Y.</i>	9 B. H.
James McKown, Jr.	<i>Rochester, N. Y.</i>	7, 8, 9 B. H.
Edwin Sidley McManus	<i>New York, N. Y.</i>	5 M. H.
Charles Martin Manchand	<i>Canton, O.</i>	Θ. A. X. House
Jerome Eisman Markstein	<i>New York, N. Y.</i>	25 B. H.
Edwin Post Maynard, Jr.	<i>Brooklyn, N. Y.</i>	St. Anthony Hall
David Moffat	<i>Brooklyn, N. Y.</i>	Z. ψ. House
Willson Bridges Moody	<i>Evanston, Ill.</i>	Z. ψ. House
John Chapin Mosher	<i>Albany, N. Y.</i>	5 F. H.
Robert Ray Newton	<i>Lenox</i>	ψ. Ω. House

Addison Hurlbutt Northrop	Norwich, Conn.	Θ. Δ. X. House
Charles Frederic Olmsted, Jr.	Williamstown	15 B. H.
Franklin Fessenden Olmsted	Rhinebeck, N. Y.	30 B. H.
Arthur Newton Pack	Lakewood, N. J.	Ψ. Ω. House
Lucien Dean Pearson	Hartford, Conn.	Ψ. T. House
Reginald Dwight Perry	Fitchburg	Δ. T. House
Charles Blanchard Phelps, Jr.	Detroit, Mich.	K. A. Lodge
Joseph Douglas Porter	Cincinnati, O.	Φ. Σ. K. House
Philip Childs Potter	Spuyten Duyvil, N. Y.	St. Anthony Hall
Leonard Sidney Prince	New York, N. Y.	20 F. H.
Francis Russell Rising	Lancaster	X. Ψ. Lodge
Charles Henry Robinson, Jr.	Portland, Me.	1 M. H.
David James Robison	Toledo, O.	Ψ. T. House
Albert Wright Rockwood	West Medford	Φ. Γ. Δ. House
James Pratt Rogers	New Britain, Conn.	Φ. Γ. Δ. House
John Stanton Rogers	Albany, N. Y.	Δ. Δ. Φ. House
John Douglas Miller Royal	Harrisburg, Pa.	Ψ. Ω. House
Malcolm Clarke Sherwood	Springfield	Ψ. T. House
Robert McCormick Shields	Highland Park, Ill.	12 M. H.
Andrew Raymond Smith	Bridgeport, Conn.	Z. Ψ. House
Francis Seifert Smith, Jr.	Waban	Σ. Φ. Place
George William Smith	White River Jc., Vt.	Σ. Φ. Place
Lewis Holman Smith	Washington, Conn.	Φ. Γ. Δ. House
Woodruff Smith	Pittsburgh, Pa.	37 M. H.
Robert Parker Staats, II	New York, N. Y.	Φ. Δ. Θ. House
John Dickinson Stevens	Lee	Φ. Σ. K. House
Jacob Chauncey Stone	North Adams	26 M. H.
Luke Garretson Thomas	Stockbridge	Ψ. T. House
Edward Hatch Titus, Jr.	Closter, N. J.	Φ. Δ. Θ. House
John Dunham Townsend	New York, N. Y.	X. Ψ. Lodge
William Mandeville Troy	Williamstown	4 Adams Block
William Bradford Turner	Boston	K. A. Lodge
Clinton Spooner Van Cise	Summit, N. J.	Φ. Σ. K. House
Durand Halsey Van Doren	East Orange, N. J.	10 B. H.
Rudolf deLuce vanHoevenberg	Kingston, N. Y.	Ψ. T. House
James Taylor Van Steenbergh	Douglaston, N. Y.	Δ. T. House
Albert Vinal	Newton Center	Σ. Φ. Place
Webb Isaiah Vorys	Columbus, O.	22 J. H.
Richmond Walker	Brookline	A. Δ. Φ. House
Richard Ellsworth Weeks	Rutland, Vt.	Δ. K. E. House
Harvey Elijah Wellman	Providence, R. I.	Φ. Σ. K. House
Paul Brown West	Glens Falls, N. Y.	Φ. Δ. Θ. House

**WILLIAMS COLLEGE**

**145**

Paul Stuart Winslow	<i>Chicago, Ill.</i>	St. Anthony Hall
Lawrence Baker Woodard	<i>Minneapolis, Minn.</i>	Θ. Δ. X. House
Joseph Edward Worthington	<i>East Orange, N. J.</i>	18 F. H.
William Ozmun Wyckoff	<i>Ithaca, N. Y.</i>	X. Ψ. Lodge
Samuel Dow Wyman	<i>Pittsfield</i>	Φ. Δ. Θ. House
Total .....		127

## JUNIORS—CLASS OF 1915

Harold Manning Adams	<i>Weedsport, N. Y.</i>	22 E. C.
William Russell Augur	<i>Brooklyn, N. Y.</i>	22 E. C.
Philip Stanley Barnes	<i>Plymouth</i>	5 E. C.
Franklin Edward Bernsten	<i>East Orange, N. J.</i>	1 E. C.
Raymond Curtis Bloom	<i>Auburn, N. Y.</i>	29 B. H.
William Booth	<i>Sewickley, Pa.</i>	18 E. C.
Farnam Jay Bowen	<i>Lowville, N. Y.</i>	Z. Ψ. House
Charles William Brackett	<i>Saratoga Springs, N. Y.</i>	Ψ. T. House
Barron Brainerd	<i>Brookline</i>	X. Ψ. Lodge
Robert Chesley Brewster	<i>Wolfeboro, N. H.</i>	2 M. H.
William Randlette Brock	<i>Paterson, N. J.</i>	Θ. Δ. X. House
George Washington Brodie, Jr.	<i>Ozone Park, N. Y.</i>	Φ. Γ. Δ. House
Walter Carlos Bronson	<i>Ottawa, Canada</i>	Θ. Δ. X. House
Ralph MacKenzie Campbell	<i>East Orange, N. J.</i>	Ψ. Ω. House
Caspar William Clarke	<i>Seattle, Wash.</i>	47 W. H.
Eugene Maurice Cole	<i>Plattsburgh, N. Y.</i>	Φ. Σ. K. House
Howard Chappel Cole	<i>Plattsburgh, N. Y.</i>	Φ. Σ. K. House
Theodore Brigham Conklin	<i>New Rochelle, N. Y.</i>	Z. Ψ. House
Peter Fries Connor	<i>Rock Island, Ill.</i>	K. A. Lodge
Harold Frederick Cowperthwaite	<i>Westfield, N. J.</i>	Φ. Σ. K. House
Donald Crane	<i>Dover Plains, N. Y.</i>	Σ. Φ. Place
Douglas Cumbrae Crawford	<i>Kent, Conn.</i>	37 W. H.
Conrad Ford Cutler	<i>Mt. Hermon</i>	Φ. Σ. K. House
Wolfram Charles Franklin Day	<i>New York, N. Y.</i>	34 W. H.
Elliott Debevoise	<i>South Orange, N. J.</i>	Δ. K. E. House
John Martin Deely	<i>Lee</i>	Φ. Γ. Δ. House
Ira Millard Dempsey	<i>Johnstown, Pa.</i>	Φ. Δ. Θ. House
David Short Dennison	<i>Poland, O.</i>	Δ. T. House
Keith Francis Driscoll	<i>Syracuse, N. Y.</i>	Z. Ψ. House
Norman Delafield DuBois	<i>Montclair, N. J.</i>	Σ. Φ. Place
Berrien Clark Eaton	<i>Detroit, Mich.</i>	K. A. Lodge
Howard Parmelee Eells, Jr.	<i>Cleveland, O.</i>	37 W. H.
George Goodman Ernst	<i>New York, N. Y.</i>	31 M. H.
Willis Ward Fay	<i>Auburn, N. Y.</i>	K. A. Lodge
John William Ferguson, Jr.	<i>Paterson, N. J.</i>	St. Anthony Hall
John Wilson Freeman	<i>Washington, D. C.</i>	19 B. H.
Herbert Nichols French	<i>Brookline</i>	19 E. C.
Herbert Lincoln Frink	<i>Holyoke</i>	Σ. Φ. Place

Thomas Foster Furness	<i>Brookline</i>	ψ. T. House
John Wily Garrett, 2d	<i>St. Louis, Mo.</i>	6 B. H.
Russell Bare Garver	<i>Roaring Springs, Pa.</i>	ψ. Ω. House
John Mason Gilchrist	<i>Auburn, N. Y.</i>	12 M. H.
Roger Morton Gildersleeve	<i>Poughkeepsie, N. Y.</i>	Δ. K. E. House
Lewis Chapman Gilger	<i>Norwalk, O.</i>	3 W. C.
Randolph Wyman Gleason	<i>Lowell</i>	ψ. Ω. House
Robert Noble Golding	<i>New York, N. Y.</i>	Δ. T. House
Robert Julius Goldman	<i>New York, N. Y.</i>	4 B. H.
David Gilbert Gregor	<i>Watertown, N. Y.</i>	Z. ψ. House
Charles Blake Hall	<i>Orange, N. J.</i>	Θ. Δ. X. House
Robert Joseph Hamerslag	<i>New York, N. Y.</i>	4 B. H.
Herbert Spencer Havens	<i>Tivoli, N. Y.</i>	27 B. H.
Edward Marion Hay	<i>Spokane, Wash.</i>	X. ψ. Lodge
Charles Myron Hayden	<i>Housatonic</i>	Williams Inn
Laurance Stanford Haynes	<i>Longmeadow</i>	Z. Φ. Place
Ernest Myers Hedden	<i>Newark, N. J.</i>	Φ. Γ. Δ. House
Richard Hallaran Hodge	<i>Toledo, O.</i>	ψ. T. House
Herbert Roy Horton	<i>Albany, N. Y.</i>	1 E. C.
George Loring Hubbell, Jr.	<i>Garden City, N. Y.</i>	Δ. K. E. House
Norman Frothingham Hunnewell	<i>Winchester</i>	X. ψ. Lodge
Jack Butler Johnstone	<i>New York, N. Y.</i>	24 W. H.
Daniel Schneck Keller	<i>Lancaster, Pa.</i>	Φ. Γ. Δ. House
Morris James Kidder	<i>Essex Junction, Vt.</i>	6 E. C.
George King	<i>New York, N. Y.</i>	Δ. K. E. House
Henry Randolph Knowlton	<i>New York, N. Y.</i>	St. Anthony Hall
Thomas Alexander Langford	<i>New York, N. Y.</i>	Δ. K. E. House
John Nestell Leonard	<i>New York, N. Y.</i>	20 B. H.
Raymond Flint Long	<i>Summit, N. J.</i>	Θ. Δ. X. House
Norman Hillard MacLeish	<i>Glencoe, Ill.</i>	Z. ψ. House
Frank Angelo MacNamee, Jr.	<i>Albany, N. Y.</i>	34 W. H.
Charles Rust Macpherson	<i>Saginaw, Mich.</i>	K. A. Lodge
Frank Le Roi Main	<i>New York, N. Y.</i>	Φ. Δ. Θ. House
Gordon Hunt Michler	<i>Greenwich, Conn.</i>	6 B. H.
Barry Lincoln Morgan	<i>Elgin, Ill.</i>	Φ. Γ. Δ. House
Edwin Gates Nash	<i>Nettleton, Ark.</i>	ψ. T. House
James Fay Newton	<i>Williamstown</i>	Φ. Z. K. House
Joseph Aloysius Fizez O'Brien	<i>Bennington, Vt.</i>	6 E. C.
Ralph Finch Palmer	<i>Brooklyn, N. Y.</i>	21 B. H.
Edgar Burnside Parsons	<i>Binghamton, N. Y.</i>	Z. ψ. House
William Kennell Paton	<i>Paterson, N. J.</i>	Θ. Δ. X. House
Andrew Fleming Patterson	<i>New York, N. Y.</i>	Φ. Δ. Θ. House

Edward Erskine Porter	Brooklyn, N. Y.	Φ. Δ. Θ. House
George Stephen Potwine	East Windsor, Conn.	9 E. C.
Kent Holeman Powers	Minneapolis, Minn.	X. Ψ. Lodge
Dwight Harold Pratt	Cincinnati, O.	18 E. C.
Henry Townsend Pratt	Milwaukee, Wis.	24 W. H.
David Remer	New York, N. Y.	5 W. H.
Lawrence Smith Roberts	Winter Park, Fla.	3 M. H.
Tracy Lesman Rothfeld	New York, N. Y.	20 F. H.
Louis Rudnick	Williamstown	127 Cole Ave.
Alfred Shriver	New Brighton, N. Y.	Φ. Δ. Θ. House
Bruce Messer Smith	Pittsfield	Δ. T. House
Harold Allen Spring	Franklinville, N. Y.	Z. Ψ. House
Thomas Stuart Squire	Buffalo, N. Y.	X. Ψ. Lodge
Robert Burrough Swain	Pomfret, Conn.	St. Anthony Hall
Wallace Bradley Thompson	Orange, N. J.	8 E. C.
Joseph Haas Titus	Pittsfield	37 M. H.
Cyprian Andrew Toolan	North Adams	Z. Ψ. House
Mason Turner	Torrington, Conn.	Δ. K. E. House
John Cowperthwaite Tyler	Brooklyn, N. Y.	Ψ. T. House
John Daire Van Cott	Salt Lake City, Utah	2 W. H.
George Whitfield Van Slyck	Providence, R. I.	5 W. H.
Rowland Westcott Waterbury	Saratoga Springs, N. Y.	24 W. H.
Albert Perry Waterman, Jr.	Orange, N. J.	9 E. C.
John Franklin Wharton	East Orange, N. J.	Θ. Δ. X. House
Kneeland Ball Wilkes	Buffalo, N. Y.	Ψ. T. House
Lessing Whitford Williams	New York, N. Y.	8 W. H.
Theodore Ryder Williams	Malden	Θ. Δ. X. House
Oliver James Wilson	Malden	Θ. Δ. X. House
Donald Winston	Minneapolis, Minn.	Φ. Δ. Θ. House
Frederick Schaefer Winston	Minneapolis, Minn.	Φ. Δ. Θ. House
Kenneth Barrow Wood	Brooklyn, N. Y.	Ψ. Ω. House
Paul Pickering Wrigley	Brooklyn, N. Y.	X. Ψ. Lodge

Total ..... 112

## SOPHOMORES—CLASS OF 1916

Ferris Marion Angevene	<i>Brookline</i>	23 E. C.
Samuel Newton Bacon	<i>Albany, N. Y.</i>	14 M. H.
Elbert Hyatt Bancker	<i>Brooklyn, N. Y.</i>	22 M. H.
Stuart-Menteth Beard	<i>New York, N. Y.</i>	27 W. H.
Alfred Benjamin	<i>New York, N. Y.</i>	12 E. C.
Frank Merrill Brazier	<i>New York, N. Y.</i>	21 W. H.
Charles Frederick Arnold Brewer	<i>Middletown, Conn.</i>	33 W. H.
Talbot Magruder Brewer	<i>New York, N. Y.</i>	27 W. H.
Donald Diehl Brumbaugh	<i>Orange, N. J.</i>	16 E. C.
Gordon Wyatt Cameron	<i>Williamstown</i>	28 Hoxsey St.
William Gail Camp	<i>Buffalo, N. Y.</i>	16 F. H.
James Graham Cannon, Jr.	<i>Scarsdale, N. Y.</i>	Δ. K. E. House
Horace Weston Chapman	<i>Bangor, Me.</i>	49 W. H.
William Dearborn Clark	<i>San Francisco, Cal.</i>	49 W. H.
Edwin Thurston Clarke	<i>Brookline</i>	15 W. H.
Douglas Rulison Coleman	<i>New York, N. Y.</i>	K. A. Lodge
Jack Arthur Conway	<i>Brooklyn, N. Y.</i>	28 W. H.
Henry Hubbard Cutler	<i>Mt. Hermon</i>	4 E. C.
Irving Maxwell Day	<i>Schenectady, N. Y.</i>	35 W. H.
Cary Freeman Denny	<i>Brooklyn, N. Y.</i>	St. Anthony Hall
Delano de Windt	<i>Winnetka, Ill.</i>	42 W. H.
Edward William Young Dunn	<i>Jersey City, N. J.</i>	14 M. H.
Hobart Bigelow Emerson	<i>Newton</i>	20 M. H.
George Faunce, Jr.	<i>Carnegie, Pa.</i>	8 W. C.
George Siemers Fayen	<i>Montclair, N. J.</i>	6 W. H.
Herbert Carey Fowler	<i>East Orange, N. J.</i>	13 & 14 B. H.
James Charles Fox, Jr.	<i>Middletown, Conn.</i>	20 W. H.
William Harris Funk	<i>South Bend, Ind.</i>	29 W. H.
James Abram Garfield	<i>West Mentor, O.</i>	40 W. H.
Donald Frederick Geddes	<i>Toledo, O.</i>	8 W. C.
Russel Mortimer Geer	<i>West Hartford, Conn.</i>	35 W. H.
Frederick Virginius Geier	<i>Cincinnati, O.</i>	24 E. C.
Bulkley Southworth Griffin	<i>Springfield</i>	12 W. H.
Albert Leonard Grindy	<i>North Adams</i>	20 E. C.
William Lawrence Guthrie	<i>New York, N. Y.</i>	10 E. C.
Claude Milton Haggerty	<i>Holyoke</i>	3 F. H.
Everest Denslow Haight	<i>Brooklyn, N. Y.</i>	7 M. H.
Ira Alden Hawkins	<i>Warwick, N. Y.</i>	23 E. C.

George McGill Hayes	<i>Canandaigua, N. Y.</i>	30 W. H.
Charles McPherson Holt	<i>Chicago, Ill.</i>	6 M. H.
Sherwood Hubbell	<i>Garden City, N. Y.</i>	14 E. C.
James Foley Hurd	<i>Albany, N. Y.</i>	7 W. C.
George Alvin Hyde	<i>Wichita, Kan.</i>	29 W. H.
Leonard Jacob, 2d	<i>Watertown, Conn.</i>	2 B. H.
Henry Eugene Jones, Jr.	<i>Riverside, Conn.</i>	5 E. C.
Jay Sylvester Jones, Jr.	<i>Brooklyn, N. Y.</i>	4 W. H.
George Cyril Jordan	<i>North Adams</i>	2 M. H.
William Dorsey Kennedy	<i>East Cleveland, O.</i>	12 W. H.
Charles David Kepner, Jr.	<i>Newtonville</i>	20 M. H.
John Lippitt Ladd	<i>Providence, R. I.</i>	42 W. H.
Kenneth Gaston McClure	<i>Plandome, N. Y.</i>	4 W. C.
Samuel Campbell McKown, Jr.	<i>Rochester, N. Y.</i>	3 F. H.
Francis Michael McMahon	<i>Pittsfield</i>	12 E. C.
John Marshall, Jr.	<i>Anchorage, Ky.</i>	17 W. H.
Richard Stratton Maynard	<i>Brooklyn, N. Y.</i>	4 M. H.
William Lincoln Moffat, Jr.	<i>Brooklyn, N. Y.</i>	4 M. H.
Leonard David Newborg	<i>New York, N. Y.</i>	31 M. H.
Edward Francis Oakes	<i>Palatine Bridge, N. Y.</i>	1 F. H.
Charles Stott Oakley, Jr.	<i>Scarsdale, N. Y.</i>	21 M. H.
Robert Julian Oppenheimer	<i>New York, N. Y.</i>	39 W. H.
Carlton Bynner Overton	<i>Montclair, N. J.</i>	38 W. H.
Albert Brace Pattou	<i>Yonkers, N. Y.</i>	9 M. H.
Harold Payne	<i>Cincinnati, O.</i>	18 W. H.
John Adams Payne, Jr.	<i>Cincinnati, O.</i>	7 W. C.
Phillips Merrill Payson	<i>Portland, Me.</i>	K. A. Lodge
Horace Dudley Peck	<i>New York, N. Y.</i>	16 B. H.
Elisha Barclay Powell, Jr.	<i>Oswego, N. Y.</i>	3 E. C.
William Schreuder Rhoades	<i>Brooklyn, N. Y.</i>	Δ. K. E. House
George Harrison Richards	<i>Winsted, Conn.</i>	11 F. H.
Richard Burton Rockwood	<i>Englewood, N. J.</i>	Δ. T. House
Joseph Jones Russell	<i>Ilion, N. Y.</i>	11 M. H.
Charles Dwight Sabin, Jr.	<i>New York, N. Y.</i>	5 W. C.
Fred Dunning Salmon	<i>Port Jervis, N. Y.</i>	13 & 14 B. H.
Philip Huntington Seaman	<i>Yonkers, N. Y.</i>	38 W. H.
Phillips Bassett Shaw	<i>Los Angeles, Cal.</i>	49 W. H.
Douglas Auld Shepardson	<i>Reading</i>	11 E. C.
Amory Standish Skerry	<i>New York, N. Y.</i>	14 E. C.
Eben Selden Spencer	<i>Duluth, Minn.</i>	1 B. H.
Harry Arthur Statler	<i>Johnstown, Pa.</i>	Ψ. Ω. House
John Stebbins	<i>Norwich, N. Y.</i>	11 E. C.



# WILLIAMS COLLEGE

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Allyn Fillmore Stetson	<i>Plattsburgh, N. Y.</i>	32 W. H.
Emerson Law Stone	<i>Waterford, N. Y.</i>	4 W. H.
Arthur Temple	<i>Texarkana, Tex.</i>	16 E. C.
Howell Kellogg Thayer	<i>Northampton</i>	2 W. C.
Frederick Tomkins	<i>New York, N. Y.</i>	17 W. H.
Walker Frame Vance	<i>Cincinnati, O.</i>	11 M. H.
Douglas Patten Wells	<i>Chicago, Ill.</i>	13 W. H.
Robert Howard Whiton	<i>Brooklyn, N. Y.</i>	24 E. C.
Gomer John Williams	<i>Fair Haven, Vt.</i>	1 F. H.
Robert Warren Williams	<i>Brooklyn, N. Y.</i>	6 W. H.
Meredith Wood	<i>Brooklyn, N. Y.</i>	22 M. H.
Harry Alfred Zimmerman, Jr.	<i>Youngstown, O.</i>	21 M. H.
Total .....		92

## FRESHMEN—CLASS OF 1917

James Strange Alexander, Jr.	<i>Montclair, N. J.</i>	48 W. H.
Lawrence Sheppard Armstrong	<i>Penn Yan, N. Y.</i>	43 W. H.
Charles Burgess Arthur, Jr.	<i>Cleveland, O.</i>	5 B. H.
Charles Albert Atwell, Jr.	<i>Sewickley, Pa.</i>	13 W. H.
Winthrop Provost Austin	<i>Santa Barbara, Cal.</i>	10 W. C.
Kurt William Baettenhausen	<i>New York, N. Y.</i>	4 E. C.
Leonard Hotchkiss Bailey	<i>Buffalo, N. Y.</i>	3 B. H.
Elbert Baldwin	<i>Lakewood, N. J.</i>	6 M. H.
Charles Ackert Banks	<i>Evanston, Ill.</i>	21 F. H.
Henry Clarke Banks	<i>Greenwich, Conn.</i>	12 C. H.
Donald DeVeau Bartholomew	<i>Orange, N. J.</i>	22 W. H.
Lester Yates Baylis	<i>Huntington, N. Y.</i>	12 C. H.
Walter Andrew Bell	<i>New York, N. Y.</i>	16 W. H.
Thomas Hume Benedict	<i>Roselle, N. J.</i>	14 W. H.
Hubert Duke Bennett	<i>Toledo, O.</i>	14 W. C.
Henry Parsons Blodgett	<i>Toledo, O.</i>	3 W. H.
Robert Fuller Blodgett	<i>West Newton</i>	18 M. H.
Norman Brown	<i>Portland, Me.</i>	2 B. H.
William Charles Browning	<i>New York, N. Y.</i>	5 W. C.
Alexander Thomson Burr	<i>Chicago, Ill.</i>	7 W. H.
Marion Staples Cadwell	<i>Jamestown, N. Y.</i>	11 W. C.
Van Henry Cartmell, Jr.	<i>New York, N. Y.</i>	22 F. H.
Kenneth Silliman Chester	<i>Bridgehampton, N. Y.</i>	9 C. H.
Charles Akers Choate	<i>Winona, Minn.</i>	8 M. H.
Tse Ki Chow	<i>Peking, China</i>	16 C. H.
William Bernard Clark	<i>Litchfield, Conn.</i>	19 W. H.
Tracy Amerman Clute	<i>Garden City, N. Y.</i>	15 C. H.
Reginald McCall Cobb	<i>Akron, O.</i>	36 M. H.
Andrew Hale Cochran	<i>Minneapolis, Minn.</i>	13 M. H.
George Jarvis Coffin	<i>New York, N. Y.</i>	41 W. H.
Harold Sy Conklin	<i>New Rochelle, N. Y.</i>	23 W. H.
Reginald Aldrich Cook	<i>New York, N. Y.</i>	44 W. H.
Carlton Wheeler Cox	<i>Montclair, N. J.</i>	48 W. H.
Robert Dudley Coye	<i>Rochester, N. Y.</i>	17 M. H.
George Henry Daniels	<i>Williamstown</i>	2 F. H.
John Dorrance Davies	<i>Camden, N. Y.</i>	6 W. C.
Herbert Reginald Davis	<i>Ossining, N. Y.</i>	19 E. C.
Randolph Foster Debevoise	<i>South Orange, N. J.</i>	10 C. H.

Leonard Chandler Dewing	<i>Hartford, Conn.</i>	5 B. H.
Thomas Ripley Dorr	<i>Williamstown</i>	41 W. H.
Alden Monteith Drury	<i>Northampton</i>	25 M. H.
Thomas Earle, Jr.	<i>Steelton, Pa.</i>	2 F. H.
Samuel Eells	<i>Cleveland, O.</i>	23 F. H.
Richard Whipple Ensign	<i>Westfield</i>	16 M. H.
Kingsley Ervin	<i>St. Cloud, Minn.</i>	6 W. C.
Elizur Kirke Hart Fessenden	<i>West Newton</i>	22 W. H.
George Dick Finlay, Jr.	<i>Montclair, N. J.</i>	40 W. H.
Henry Needham Flynt	<i>Monson</i>	17 W. H.
Esty Foster	<i>Plainfield, N. J.</i>	24 M. H.
Leonard Chester Freeman	<i>Morristown, N. J.</i>	15 W. C.
Prentiss French	<i>Chicago, Ill.</i>	12 F. H.
Harry Elwell Funk	<i>Bloomsburg, Pa.</i>	38 M. H.
Stanton Garfield	<i>Williamstown</i>	46 W. H.
Bradley Johnson Gaylord	<i>Buffalo, N. Y.</i>	23 M. H.
William Van Kirk Gillett	<i>New York, N. Y.</i>	26 M. H.
Alexander Hollis Godfrey	<i>Philadelphia, Pa.</i>	14 F. H.
Luther Carrington Goodrich	<i>Peking, China</i>	7 E. C.
Ernest Charles Frederick Greeff	<i>New York, N. Y.</i>	8 C. H.
Richard Brown West Hall	<i>New York, N. Y.</i>	10 C. H.
Woodman Clark Hamilton	<i>Oak Park, Ill.</i>	28 M. H.
Bryan Hamlin	<i>New York, N. Y.</i>	19 F. H.
Robert Osborne Handley	<i>Hauppauge, N. Y.</i>	13 W. C.
Charles James Hardy, Jr.	<i>New York, N. Y.</i>	33 M. H.
Henry Satterlee Herendeen	<i>Elmira, N. Y.</i>	43 W. H.
Joseph Robert Hewitt	<i>New York, N. Y.</i>	15 E. C.
Leonard Bogue Hotchkiss	<i>Buffalo, N. Y.</i>	2 E. C.
Frank Hubbard Hutchinson	<i>Columbus, O.</i>	9 F. H.
John Goodall Hutton	<i>Bennington, Vt.</i>	27 Hoxsey St.
David Elwood Jeffery	<i>Lockport, N. Y.</i>	10 W. H.
Parmelee Johnson	<i>Penn Yan, N. Y.</i>	16 F. H.
Alexander Hutchins Johnston	<i>Rochester, N. Y.</i>	15 M. H.
Horace Steele Keifer	<i>Springfield, O.</i>	9 F. H.
Lincoln Lewis Kellogg	<i>Oneonta, N. Y.</i>	23 B. H.
William Henry Kelton	<i>Pawlet, Vt.</i>	6 F. H.
Norman Fullerton Kennedy	<i>East Cleveland, O.</i>	8 M. H.
Carl Edward Kieser	<i>Brooklyn, N. Y.</i>	15 C. H.
Henry William King	<i>Alma, Mich.</i>	18 Spring St.
Albert Aurelius Laplante	<i>Williamstown</i>	14 John St.
Richard Bryan Leake, Jr.	<i>Arlington, Vt.</i>	7 M. H.
John Howland Leeming	<i>Buffalo, N. Y.</i>	18 C. H.

Arthur Vaughan Lewis	<i>Irvington-on-Hudson, N. Y.</i>	46	W. H.
James Louis Lohrke	<i>East Orange, N. J.</i>	34	M. H.
Otto Emil Lohrke, Jr.	<i>East Orange, N. J.</i>	1	B. H.
Albert Thornton McAllister	<i>Chestnut Hill, Pa.</i>	12	W. C.
Ezekiel McCleary	<i>Amsterdam, N. Y.</i>	32	M. H.
Gilbert James Cathcart McCurdy	<i>Rochester, N. Y.</i>	A,	F. H.
Charles Lockhart McKelvy	<i>Pittsburgh, Pa.</i>	18	M. H.
Roger Barrett McMullen, Jr.	<i>Evanston, Ill.</i>	36	W. H.
Donald Schuyler Mann	<i>Buffalo, N. Y.</i>	45	W. H.
Elias Marks	<i>Cincinnati, O.</i>	9	W. C.
Charles Jerome Massinger	<i>Butler, N. J.</i>	36	M. H.
Randah Willis Matson	<i>Rochester, N. Y.</i>	15	M. H.
William Bogardus Merselis, Jr.	<i>Passaic, N. J.</i>	14	F. H.
George Middlebrook	<i>New York, N. Y.</i>	14	C. H.
Dudley Miller	<i>Brooklyn, N. Y.</i>	18	W. H.
Percival Miller	<i>Providence, R. I.</i>	20	E. C.
Emil Henry Frederick Molthan	<i>New York, N. Y.</i>	15	W. H.
Warner Johnson Montague	<i>New York, N. Y.</i>	19	W. H.
Sidney Clarke Moody	<i>Evanston, Ill.</i>	35	M. H.
Myron Alan Moore	<i>Gardner</i>	13	F. H.
Duncan Bassett Murphy	<i>Lee</i>	2	E. C.
Caryl Hammond Newell	<i>Buffalo, N. Y.</i>	13 & 14	B. H.
Nathaniel Shaw Norton	<i>Buffalo, N. Y.</i>	18	C. H.
Dickson Nott	<i>Honolulu, T. H.</i>	23	F. H.
Wendell Sereno Nutting	<i>Brooklyn, N. Y.</i>	9	C. H.
Carleton Kingsley Ober	<i>White Plains, N. Y.</i>	4	F. H.
Lewis Robert Owen	<i>Port Henry, N. Y.</i>	11	C. H.
Ulrich Roland Palmedo	<i>Montclair, N. J.</i>	14	W. C.
Lester Adam Paterson	<i>Buffalo, N. Y.</i>	3	B. H.
Victor Elting Pattou	<i>Yonkers, N. Y.</i>	9	M. H.
Jay Brooke Pearce, Jr.	<i>Cleveland, O.</i>	10	W. C.
Henry Olmsted Philips	<i>Tacoma, Wash.</i>	47	W. H.
Stanley Phillips	<i>Upper Montclair, N. J.</i>	26	W. H.
Edward Lyndal Reed	<i>Wayne, Pa.</i>	12	W. C.
Harold Elliott Rich	<i>Bethel, Me.</i>	8	F. H.
George Lynde Richardson, Jr.	<i>West Philadelphia, Pa.</i>	7	F. H.
Robert Ramsay Richardson	<i>Glendale, O.</i>	11	W. C.
Roger William Riis	<i>Barre</i>	A,	F. H.
Thomas Fortescue Rochester	<i>Buffalo, N. Y.</i>	45	W. H.
James Linn Rodgers, Jr.	<i>Havana, Cuba</i>	21	F. H.
Truman Henry Safford	<i>Lowell</i>	35	M. H.
Philip Sidney Sayles	<i>Adams</i>	26	B. H.

Clarence Bott Schaefer	<i>Buffalo, N. Y.</i>	11 C. H.
Bennet Fellows Schauffler	<i>Highland Park, Ill.</i>	7 E. C.
George Harold Schreiber	<i>North Adams</i>	North Adams
Walter Eppeley Seibert	<i>Baltimore, Md.</i>	10 E. C.
Paul Clements Shattuck	<i>Natick</i>	5 E. C.
Theodore Carpenter Slosson	<i>Mount Kisco, N. Y.</i>	17 M. H.
Grant Diack Small	<i>New York, N. Y.</i>	15 W. C.
Harwood Edmund Smeeth	<i>Oak Park, Ill.</i>	28 M. H.
Ashley Bruce Smith	<i>Oak Park, Ill.</i>	3 W. H.
Carl Douglas Smith	<i>Holyoke</i>	16 M. H.
Irving Smith, Jr.	<i>New York, N. Y.</i>	18 M. H.
Winthrop Floyd Smith	<i>Dorchester</i>	11 W. H.
Stuart Olmsted Stearns	<i>Hartford, Conn.</i>	2. ♀. Place
Raymond Reed Stetson	<i>Plattsburgh, N. Y.</i>	32 W. H.
Raymond DuBois Stickney	<i>Albany, N. Y.</i>	2 W. H.
Harold Clark Thompson	<i>Orange, N. J.</i>	8 E. C.
Charles Ferdinand Ulrich	<i>Greenfield</i>	23 W. H.
John Valentine	<i>Chicago, Ill.</i>	12 F. H.
Harold Livingston Van Doren	<i>East Orange, N. J.</i>	14 W. H.
Harold Rogers Van Gilder	<i>New Haven, Conn.</i>	13 F. H.
Carl William Vietor	<i>New York, N. Y.</i>	44 W. H.
James Ward, IV	<i>Pittsburgh, Pa.</i>	11 W. H.
Alan Graham Warner	<i>Brooklyn, N. Y.</i>	26 W. H.
Francis Darling Weeks	<i>Dorchester</i>	25 M. H.
Norman Underhill White	<i>Ridgewood, N. J.</i>	24 M. H.
Charles Lawrence Whittemore	<i>Williamstown</i>	23 M. H.
Allyn Richmond Wight	<i>Montclair, N. J.</i>	41 W. H.
Henry Douglas Wild	<i>Williamstown</i>	7 F. H.
Amory Leland Williams	<i>Woodstock, Vt.</i>	25 W. H.
George Barnes Wilson	<i>Wichita, Kan.</i>	16 W. H.
Norman Hall Wilson	<i>Glen Ridge, N. J.</i>	33 M. H.
Philip Ira Worcester	<i>Detroit, Mich.</i>	34 M. H.
Harold Bemis Wright	<i>Bellevue, O.</i>	29 M. H.
John Aubrey Wright, Jr.	<i>Youngstown, O.</i>	29 M. H.
Kendall Wyman	<i>Fitchburg</i>	8 C. H.
George Stanley Young	<i>Cleveland, O.</i>	15 E. C.
Robert Gordon Young	<i>Minneapolis, Minn.</i>	13 M. H.
Charles Zabriskie	<i>Paterson, N. J.</i>	38 M. H.

Total ..... 160

## SUMMARY BY CLASSES

SENIORS .....	127
JUNIORS .....	112
SOPHOMORES .....	92
FRESHMEN .....	160
GRADUATE STUDENTS: RESIDENT .....	5
<b>TOTAL</b> .....	<b>496</b>

## SUMMARY BY STATES

NEW YORK .....	188
MASSACHUSETTS .....	86
NEW JERSEY .....	53
OHIO .....	35
CONNECTICUT .....	24
ILLINOIS .....	20
PENNSYLVANIA .....	20
MINNESOTA .....	12
VERMONT .....	9
MAINE .....	8
MICHIGAN .....	5
RHODE ISLAND .....	5
CALIFORNIA .....	3
KANSAS .....	3
WASHINGTON .....	3
INDIANA .....	2
MARYLAND .....	2
MISSOURI .....	2
WISCONSIN .....	2
ARKANSAS .....	1
DISTRICT OF COLUMBIA .....	1
FLORIDA .....	1
KENTUCKY .....	1
NEW HAMPSHIRE .....	1

*WILLIAMS COLLEGE*

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<b>SOUTH DAKOTA</b> .....	<b>1</b>
<b>TEXAS</b> .....	<b>1</b>
<b>UTAH</b> .....	<b>1</b>
<b>HAWAII</b> .....	<b>1</b>

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<b>CANADA</b> .....	<b>2</b>
<b>CHINA</b> .....	<b>2</b>
<b>CUBA</b> .....	<b>1</b>

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## ALPHABETICAL LIST OF NAMES

- Abbott, Frank Prouty, *Sr.*  
 Adams, Harold Manning, *Jr.*  
 Adams, Waldemar Patterson, *Sr.*  
 Adriance, Harris Ely, *Jr., Sr.*  
 AGARD, HARRY LESLIE, *Inst.*  
 Ainslie, Rutherford Oakes, *Sr.*  
 Alexander, James Strange, *Jr., Fr.*  
 ALLEE, WARDER CLYDE, *Instr.*  
 ALLEN, SAMUEL EDWARD, *Asst. Prof.*  
 Ames, Columbus Delano, *Sr.*  
 Anderson, John Ure, *Sr.*  
 Angevene, Ferris Marion, *Soph.*  
 Armstrong, Lawrence Sheppard, *Fr.*  
 Arthur, Charles Burgess, *Jr., Fr.*  
 Atchison, Thomas Calvin, *Sr.*  
 Atwell, Charles Albert, *Jr., Fr.*  
 Augur, William Russell, *Jr.*  
 Austin, Winthrop Provost, *Fr.*  
 Austrian, Carl Joseph, *Sr.*  
 Bacon, Samuel Newton, *Soph.*  
 Baettenhaussen, Kurt William, *Fr.*  
 Bailey, Leonard Hotchkiss, *Fr.*  
 Baldwin, Elbert, *Fr.*  
 Bancker, Elbert Hyatt, *Soph.*  
 BANGS, ARCHIE ROY, *Inst.*  
 Banks, Charles Ackert, *Fr.*  
 Banks, Henry Clarke, *Fr.*  
 Barnes, Philip Stanley, *Jr.*  
 Bartholomew, Donald DeVeau, *Fr.*  
 BARTON, FRANCIS BROWN, *Inst.*  
 Bartram, John Greer, *Sr.*  
 Battenberg, Roy, *Sr.*  
 Baxter, James Phinney, 3d, *Sr.*  
 Baylis, Lester Yates, *Fr.*  
 Beach, Eric McCoy, *Sr.*  
 Beard, Stuart-Menteth, *Soph.*  
 Behre, Gerhard Frederick, *Sr.*  
 Bell, Walter Andrew, *Fr.*  
 Benedict, Thomas Hume, *Fr.*  
 Benjamin, Alfred, *Soph.*  
 Bennett, Hubert Duke, *Fr.*  
 Bernsten, Franklin Edwards, *Jr.*  
 Blodgett, Henry Parsons, *Fr.*  
 Blodgett, Robert Fuller, *Fr.*  
 Bloom, Raymond Curtis, *Jr.*  
 Booth, William, *Jr.*  
 BOTSFORD, ELI HERBERT, *Inst.*  
 Bowen, Farnam Jay, *Jr.*  
 Bowne, Edgar Willis, *Sr.*  
 Brackett, Charles William, *Jr.*  
 Brainerd, Barron, *Jr.*  
 Brazier, Frank Merrill, *Soph.*  
 Brewer, Charles Frederick Arnold, *Soph.*  
 Brewer, Talbot Magruder, *Soph.*  
 Brewster, Robert Chesley, *Jr.*  
 Brock, William Randlette, *Jr.*  
 Brodie, George Washington, *Jr., Jr.*  
 Bronson, Walter Carlos, *Jr.*  
 Brown, Cornelius Merrill, *Sr.*  
 Brown, Norman, *Fr.*  
 Browning, William Charles, *Fr.*  
 Brumbaugh, Donald Diehl, *Soph.*  
 BUFFINTON, ARTHUR HOWLAND, *Inst.*  
 Burr, Alexander Thomson, *Fr.*  
 BUSH, J. DANFORTH, *Alumni Visitor*  
 Cadwell, Marion Staples, *Fr.*  
 Cameron, Gordon Wyatt, *Soph.*  
 Camp, William Gail, *Soph.*  
 Campbell, John David, *Jr.*  
 Campbell, Persons LaBarre, *Fr.*



Campbell, Ralph MacKenzie, *Jr.*  
 Cannon, James Graham, *Jr., Soph.*  
 Cartmell, Van Henry, *Jr., Fr.*  
 Chamberlain, Rodman Wright, *Sr.*  
 CHAPIN, ESTHER SUSAN,

*Library Asst.*

Chapman, Horace Weston, *Soph.*  
 Chester, Kenneth Silliman, *Fr.*  
 Choate, Charles Akers, *Fr.*  
 Chow, Tse Ki, *Fr.*  
 CLARK, DAVID TAGGART, *Asst. Prof.*  
 Clark, John Hallett, *Jr., Sr.*  
 Clark, William Bernard, *Fr.*  
 Clark, William Dearborn, *Soph.*  
 Clarke, Caspar William, *Jr.*  
 Clarke, Edwin Thurston, *Soph.*  
 CLARKE, SAMUEL FESSENDEN, *Prof.*  
 Clarkson, Freeman, *Jr., Sr.*  
 CLELAND, HERDMAN FITZGERALD,

*Prof.*

Clute, Tracy Amerman, *Fr.*  
 Cobbs, Reginald McCall, *Fr.*  
 Cochran, Andrew Hale, *Fr.*  
 Cochran, Joseph Plumb, *Sr.*  
 Coffin, George Jarvis, *Fr.*  
 Cole, Eugene Maurice, *Jr.*  
 Cole, Howard Chappel, *Jr.*  
 Coleman, Douglas Rulison, *Soph.*  
 Conklin, Harold Sy, *Fr.*  
 Conklin, Theodore Brigham, *Jr.*  
 Connor, Peter Fries, *Jr.*  
 Conway, Jack Arthur, *Soph.*  
 Cook, Reginald Aldrich, *Fr.*  
 Corey, Sanford, *Sr.*  
 Cowell, Harold Cobb, *Sr.*  
 Cowperthwaite, Harold Frederick,

*Jr.*

Cox, Carlton Wheeler, *Fr.*  
 Coye, Robert Dudley, *Fr.*  
 Crane, Donald, *Jr.*  
 CRANE, WINTHROP MURRAY, *Trustee*  
 Cravens, Ridgway Miller, *Sr.*

Crawford, Douglas Cumbræ, *Jr.*  
 Crosby, William Anderson, *Sr.*  
 CRU, ALBERT LOUIS, *Inst.*  
 CRU, JEAN NORTON, *Inst.*  
 Crum, William Leonard, *Sr.*  
 Curtis, George Terry, *Sr.*  
 Cutler, Conrad Ford, *Jr.*  
 Cutler, Henry Hubbard, *Soph.*

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